

Diary

1915.

SBr 97.41.1 (27)

120

William Brewster,

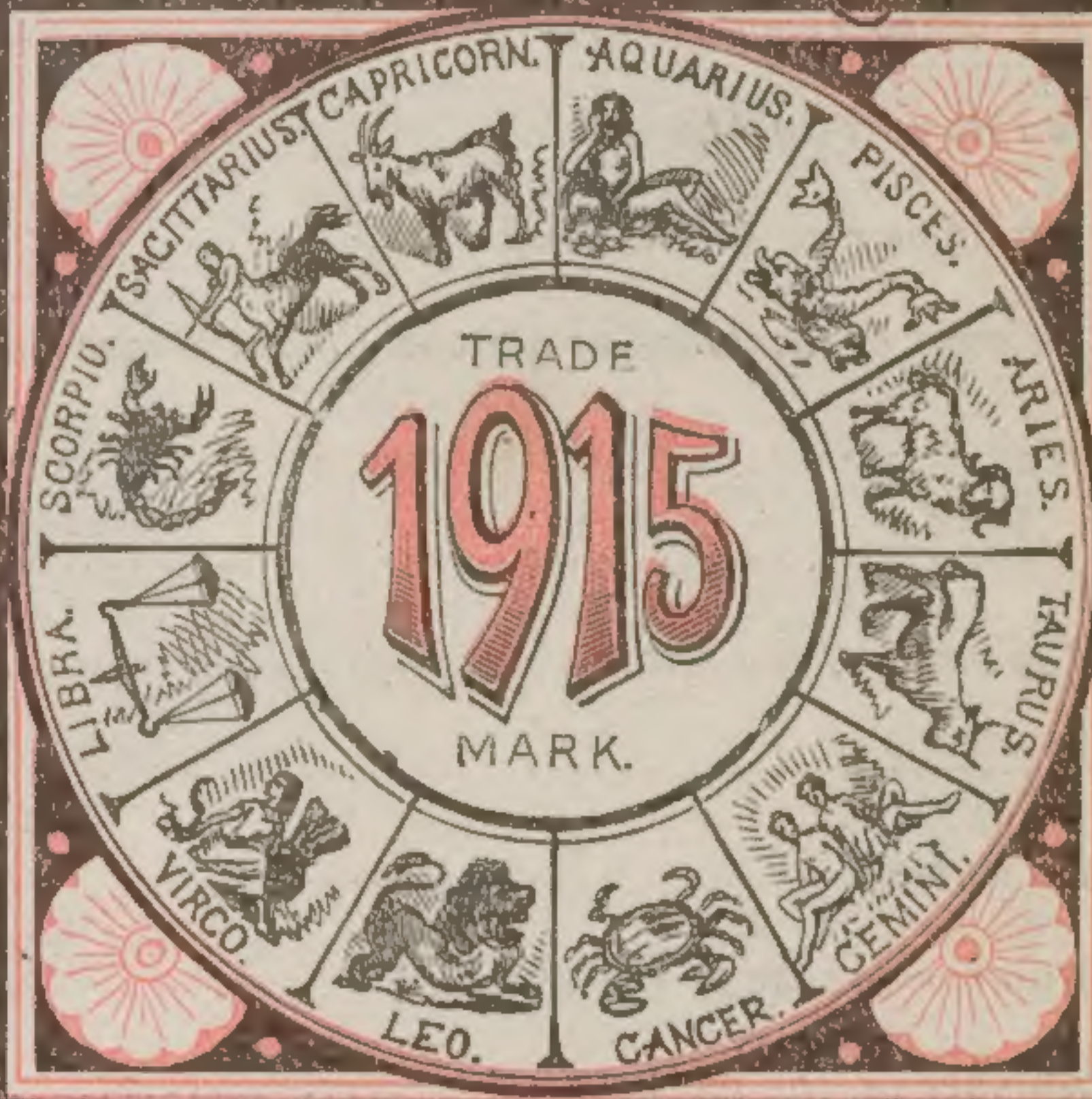
145 Brattle Street,

Cambridge, Massachusetts,

U. S. A.

THE
STANDARD

DIARY



FOR SALE BY ALL STATIONERS

PUBLISHED BY
THE STANDARD DIARY CO.

FOR IDENTIFICATION.

My Name.....

My Residence.....

My Business Address

My Home Telephone

My Office Telephone.....

My Home Fire Alarm Box

My Office Fire Alarm Box

In case of accident or serious illness please notify

The make of my Automobile.....

Its Number.....

Number on case of my Watch

Number of the works.....

Number of my Bank Book

My Weight was.....On.....

Height.....feetinches.....

Size of Hat.....Gloves.....

" *Hosiery* *Collar*

" Cuffs Shoes

" Shirt.....Drawers.....

CALENDAR.

1915

JUNE.		MAY.		APRIL.		MAR.		FEB.		JAN.	
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.	Sun.	Mon.	Tues.	Wed.	Thurs.
1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	1	2	3	4	5	6
7	8	9	10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27	28	29	30
31	1	2	3	4	5	6	7	8	9	10	11
12	13	14	15	16	17	18	19	20	21	22	23
24	25	26	27	28	29	30	1	2	3	4	5
6	7	8	9	10	11	12	13	14	15	16	17
18	19	20	21	22	23	24	25	26	27	28	29
30	31	1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30	1	2	3	4
5	6	7	8	9	10	11	12	13	14	15	16
17	18	19	20	21	22	23	24	25	26	27	28
29	30	31	1	2	3	4	5	6	7	8	9
10	11	12	13	14	15	16	17	18	19	20	21
22	23	24	25	26	27	28	29	30	1	2	3
4	5	6	7	8	9	10	11	12	13	14	15
16	17	18	19	20	21	22	23	24	25	26	27
28	29	30	31	1	2	3	4	5	6	7	8
9	10	11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30	1	2
3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	1	2	3	4	5	6	7
8	9	10	11	12	13	14	15	16	17	18	19
20	21	22	23	24	25	26	27	28	29	30	31

CALENDAR

1916

	JAN.								JULY						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	2	3	4	5	6	7	8		2	3	4	5	6	7	8
	9	10	11	12	13	14	15		9	10	11	12	13	14	15
	16	17	18	19	20	21	22		16	17	18	19	20	21	22
	23	24	25	26	27	28	29		23	24	25	26	27	28	29
	30	31	..	..	..	..	..		30	31	..	..	..	..	..
	FEB.								AUG.						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	6	7	8	9	10	11	12		6	7	8	9	10	11	12
	13	14	15	16	17	18	19		13	14	15	16	17	18	19
	20	21	22	23	24	25	26		20	21	22	23	24	25	26
	27	28	29	..	..	..	..		27	28	29	30	31	..	..
	MAR.								SEPT.						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	5	6	7	8	9	10	11		3	4	5	6	7	8	9
	12	13	14	15	16	17	18		10	11	12	13	14	15	16
	19	20	21	22	23	24	25		17	18	19	20	21	22	23
	26	27	28	29	30	31	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	1		1	2	3	4	5	6	7
	APRIL								OCT.						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	2	3	4	5	6	7	8		8	9	10	11	12	13	14
	9	10	11	12	13	14	15		15	16	17	18	19	20	21
	16	17	18	19	20	21	22		22	23	24	25	26	27	28
	23	24	25	26	27	28	29		29	30	31	..	..	..	..
	30	..	..	..	..	..	..		..	..	..	1	2	3	4
	MAY								NOV.						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	7	8	9	10	11	12	13		5	6	7	8	9	10	11
	14	15	16	17	18	19	20		12	13	14	15	16	17	18
	21	22	23	24	25	26	27		19	20	21	22	23	24	25
	28	29	30	31	..	..	..		26	27	28	29	30	..	..
	JUNE								DEC.						
	Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.		Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
	4	5	6	7	8	9	10		3	4	5	6	7	8	9
	11	12	13	14	15	16	17		10	11	12	13	14	15	16
	18	19	20	21	22	23	24		17	18	19	20	21	22	23
	25	26	27	28	29	30	..		24	25	26	27	28	29	30
	..	..	..	..	..	..	..		31	..	..	..	..	..	..

RATES OF POSTAGE.

Official at time of printing. As changes are expected inquire at P. O.

United States and Possessions, Canada, Mexico, Cuba, and Shanghai, China.

First Class (letters, etc.)	per ounce	2c
Second " (newspapers, periodicals)	4 "	1c
Third " (books under 8 ozs. and all circulars)	2 "	1c
Fourth " (merchandise, etc.)	see Parcel Post	
Registration Fee (extra postage)		10c
Special Delivery (" ")		10c
Postal Cards (reply cards 2c)		1c
Local or Drop Letters (where no free delivery)	"	1c
Postal Savings Bank (inquire at P. O.)		

MONEY ORDERS.—For sums not exceeding \$2.50, 3 cents; over \$2.50 to \$5, 5 cents; over \$5 to \$10, 8 cents; over \$10 to \$20, 10 cents; over \$20 to \$30, 12 cents; over \$30 to \$40, 15 cents; over \$40 to \$50, 18 cents; over \$50 to \$60, 20 cents; over \$60 to \$75, 25 cents; over \$75 to \$100, 30 cents.

REFORWARDING.—Letters will be forwarded from one post office to another upon the *written* request of the *person addressed*, without additional charge; but unclaimed packages *cannot be returned to the sender* until stamps are furnished to pay the return postage.

PARCEL POST, for United States and Possessions.
(Inquire at Post Office.)

Owing to frequent changes in rates, weights, etc., we deem it impracticable to attempt to give accurate information.

Postage to Foreign Countries.

Letters for British Isles and Newfoundland	per ounce	2c
" for Germany (if sent by German steamer 2c per oz.)	"	5c
" for other countries	"	5c
	each additional ounce or fraction	3c
Postal cards (reply cards, 4c)		2c
Newspapers and printed matter	2 ounces	1c
Samples merchandise	first 4 "	2c
	every additional 2 "	1c
Commercial papers	first 10 ounces or fraction	5c
	every additional 2 ounces	1c
Registration Fee (extra postage)		10c
Reply Coupons (to prepay return letter) inquire at P. O.		
Parcels Post (inquire at P. O.)	per lb.	12c
Money Orders (inquire at P. O.)		

POPULATION OF THE UNITED STATES.

	1910	1900
Alabama.....	2,138,093	1,828,697
Arizona.....	204,354	122,931
Arkansas.....	1,574,449	1,311,564
California.....	2,377,549	1,485,053
Colorado.....	799,024	539,700
Connecticut.....	1,114,756	908,420
Delaware.....	202,322	184,735
Dist. of Columbia.....	331,069	278,718
Florida.....	752,619	528,542
Georgia.....	2,609,121	2,216,331
Idaho.....	325,594	161,772
Illinois.....	5,638,591	4,821,550
Indiana.....	2,700,876	2,516,462
Iowa.....	2,224,771	2,231,853
Kansas.....	1,690,949	1,470,495
Kentucky.....	2,289,905	2,147,174
Louisiana.....	1,656,388	1,381,625
Maine.....	742,371	694,466
Maryland.....	1,294,450	1,188,044
Massachusetts.....	3,366,416	2,805,346
Michigan.....	2,810,173	2,420,982
Minnesota.....	2,075,708	1,751,394
Mississippi.....	1,797,114	1,551,270
Missouri.....	3,293,335	3,106,665
Montana.....	376,053	243,329
Nebraska.....	1,192,214	1,066,300
Nevada.....	81,875	42,335
New Hampshire.....	430,572	411,588
New Jersey.....	2,537,167	1,883,669
New Mexico.....	327,396	195,310
New York.....	9,113,614	7,268,894
North Carolina.....	2,206,287	1,893,810
North Dakota.....	577,056	319,146
Ohio.....	4,767,121	4,157,545
Oklahoma.....	1,657,155	790,391
Oregon.....	672,765	413,536
Pennsylvania.....	7,665,111	6,302,115
Rhode Island.....	542,674	428,556
South Carolina.....	1,515,400	1,340,316
South Dakota.....	583,888	401,570
Tennessee.....	2,184,789	2,020,616
Texas.....	3,896,542	3,048,710
Utah.....	373,351	276,749
Vermont.....	355,956	343,641
Virginia.....	2,061,612	1,854,184
Washington.....	1,141,990	518,103
West Virginia.....	1,221,119	958,800
Wisconsin.....	2,333,860	2,069,042
Wyoming.....	145,965	92,531
Alaska.....	64,356	63,592
Hawaii.....	191,909	154,001
Porto Rico.....	1,118,012	953,243
Military and Naval.....	55,608	91,219
United States.....	93,401,414	77,256,630

POPULATION OF PRINCIPAL CITIES.

	1910	1900
Akron, O.	69,067	42,728
Albany, N. Y.	100,253	94,151
Allentown, Pa.	51,913	35,416
Altoona, Pa.	52,127	38,973
Atlanta, Ga.	154,839	89,872
Atlantic City, N. J.	44,461	27,838
Augusta, Ga.	41,040	39,441
Baltimore, Md.	558,485	508,957
Bay City, Mich.	45,166	27,628
Bayonne, N. J.	55,545	32,722
Binghamton, N. Y.	48,443	39,647
Birmingham, Ala.	132,685	38,415
Boston, Mass.	670,585	560,892
Bridgeport, Conn.	102,054	70,996
Brockton, Mass.	56,878	40,063
Brooklyn, N. Y.	1,634,351	1,166,582
Buffalo, N. Y.	423,715	352,387
Butte, Mont.	39,165	30,470
Cambridge, Mass.	104,839	91,886
Camden, N. J.	94,538	75,935
Canton, O.	50,217	30,667
Charleston, S. C.	58,833	55,807
Chattanooga, Tenn.	44,604	30,154
Chelsea, Mass.	32,452	34,072
Chester, Pa.	38,537	33,988
Chicago, Ill.	2,185,283	1,698,575
Cincinnati, O.	364,463	325,902
Cleveland, O.	560,663	381,768
Columbus, O.	181,548	125,560
Council Bluffs, Ia.	29,292	25,802
Covington, Ky.	53,270	42,938
Dallas, Tex.	92,104	42,638
Davenport, Ia.	43,028	35,254
Dayton, O.	116,577	85,333
Denver, Col.	213,381	133,859
Des Moines, Ia.	86,368	62,139
Detroit, Mich.	465,766	285,704
Dubuque, Ia.	38,494	36,297
Duluth, Minn.	78,466	52,969
East St. Louis, Ill.	58,547	29,655
Elizabeth, N. J.	73,409	52,130
Elmira, N. Y.	37,176	35,672
Erie, Pa.	66,525	52,733
Evansville, Ind.	69,647	59,007
Fall River, Mass.	119,295	104,863
Fitchburg, Mass.	37,826	31,531
Fort Wayne, Ind.	63,933	45,115
Fort Worth, Tex.	73,312	26,688
Galveston, Tex.	36,981	37,789
Gloucester, Mass.	24,398	26,121
Grand Rapids, Mich.	112,571	87,565
Hamilton, O.	35,279	23,914
Harrisburg, Pa.	64,186	50,167
Hartford, Conn.	98,915	79,850
Haverhill, Mass.	44,115	37,175
Hoboken, N. J.	70,324	59,364

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1910	1900
Holyoke, Mass.	57,730	45,712
Houston, Tex.	78,800	44,633
Indianapolis, Ind.	233,650	169,164
Jackson, Mich.	31,433	25,180
Jacksonville, Fla.	57,699	28,429
Jersey City, N. J.	267,779	206,433
Johnstown, Pa.	55,482	35,936
Joliet, Ill.	34,670	29,353
Kalamazoo, Mich.	39,437	24,404
Kansas City, Kan.	82,331	51,418
Kansas City, Mo.	248,581	163,752
Knoxville, Tenn.	36,346	32,637
La Crosse, Wis.	30,417	28,895
Lancaster, Pa.	47,227	41,459
Lawrence, Mass.	85,892	62,559
Lexington, Ky.	35,099	26,369
Lincoln, Neb.	43,973	40,169
Little Rock, Ark.	45,941	38,307
Los Angeles, Cal.	319,198	102,479
Louisville, Ky.	223,928	204,731
Lowell, Mass.	106,294	94,969
Lynn, Mass.	89,336	68,513
Macon, Ga.	40,665	23,272
Madison, Wis.	25,531	19,164
Malden, Mass.	44,404	33,664
Manchester, N. H.	70,063	56,987
McKeesport, Pa.	42,694	34,227
Memphis, Tenn.	131,105	102,320
Meriden, Conn.	27,265	24,296
Milwaukee, Wis.	373,857	285,315
Minneapolis, Minn.	301,408	202,718
Mobile, Ala.	51,521	38,469
Montgomery, Ala.	38,136	30,346
Nashville, Tenn.	110,364	80,865
Newark, N. J.	347,469	246,070
New Bedford, Mass.	96,652	62,442
New Britain, Conn.	43,916	25,998
Newcastle, Pa.	36,280	28,339
New Haven, Conn.	133,605	108,027
New Orleans, La.	339,075	287,104
Newton, Mass.	39,806	33,587
New York, N. Y.	4,766,883	3,437,202
Niagara Falls, N. Y.	30,445	19,457
Norfolk, Va.	67,452	46,624
Oakland, Cal.	150,174	66,960
Oklahoma City, Okla.	64,205	10,037
Omaha, Neb.	124,096	102,555
Pasadena, Cal.	30,291	9,117
Passaic, N. J.	54,773	27,777
Paterson, N. J.	125,600	105,171
Pawtucket, R. I.	51,622	39,231
Peoria, Ill.	66,950	56,100
Perth Amboy, N. J.	32,121	17,699
Philadelphia, Pa.	1,549,008	1,293,697
Pittsburg and Allegheny, Pa.	533,905	451,512
Portland, Me.	58,571	50,145
Portland, Ore.	207,214	90,426

POPULATION OF PRINCIPAL CITIES.—CONTINUED.

	1910	1900
Providence, R. I.	224,326	175,597
Pueblo, Col.	44,395	28,157
Quincy, Ill.	36,587	36,252
Quincy, Mass.	32,642	23,899
Racine, Wis.	38,002	29,102
Reading, Pa.	96,071	78,961
Richmond, Va.	127,628	85,050
Rochester, N. Y.	218,149	162,608
Rockford, Ill.	45,401	31,051
Rutland, Vt.	13,546	11,499
Sacramento, Cal.	44,696	29,282
Saginaw, Mich.	50,510	42,345
Saint Joseph, Mo.	77,403	102,979
Saint Louis, Mo.	687,029	575,238
Saint Paul, Minn.	214,744	163,065
Salem, Mass.	43,697	35,956
Salt Lake City, Utah.	92,777	53,531
San Antonio, Tex.	96,614	53,321
San Diego, Cal.	39,578	17,700
San Francisco, Cal.	416,912	342,782
San Jose, Cal.	28,946	21,500
Savannah, Ga.	65,064	54,244
Schenectady, N. Y.	72,826	31,682
Scranton, Pa.	129,867	102,026
Seattle, Wash.	237,194	80,671
Sioux City, Ia.	47,828	33,111
Somerville, Mass.	77,236	61,643
South Bend, Ind.	53,684	35,999
Spokane, Wash.	104,402	36,848
Springfield, Ill.	51,678	34,159
Springfield, Mass.	88,926	62,059
Springfield, O.	46,921	38,253
Superior, Wis.	40,384	*36,551
Syracuse, N. Y.	137,249	108,374
Tacoma, Wash.	83,743	37,714
Tampa, Fla.	37,782	15,839
Taunton, Mass.	34,259	31,036
Terre Haute, Ind.	58,157	36,673
Toledo, O.	168,497	131,822
Topeka, Kan.	43,684	33,608
Trenton, N. J.	96,815	73,307
Troy, N. Y.	76,813	60,651
Utica, N. Y.	74,419	56,383
Waltham, Mass.	27,834	23,481
Washington, D. C.	331,069	278,718
Waterbury, Conn.	73,141	45,859
West Hoboken, N. J.	35,403	23,094
Wheeling, W. Va.	41,641	38,878
Wichita, Kan.	52,450	24,671
Wilkesbarre, Pa.	67,105	51,721
Williamsport, Pa.	31,860	28,757
Wilmington, Del.	87,411	76,508
Woonsocket, R. I.	38,125	28,204
Worcester, Mass.	145,986	118,421
Yonkers, N. Y.	79,803	47,931
York, Pa.	44,750	33,708
Youngstown, O.	79,066	44,885

* 1905

THE LARGEST CITIES IN THE WORLD.

1910 Census data for cities in the United States. Late official census or official estimates for all foreign cities.

New York	4,766,883	Montreal	470,480
London	4,521,685	Detroit	465,766
Paris	2,888,110	Sheffield	454,632
Tokio, Japan	2,186,079	Sao Paulo, Brazil	450,000
Chicago	2,185,283	Leeds	445,550
Berlin	2,071,257	Kioto, Japan	442,462
Vienna	2,031,498	Rotterdam	436,018
St. Petersburg	1,962,400	Turin	427,106
Philadelphia	1,549,008	Buffalo	423,715
Moscow	1,533,400	San Francisco	416,912
Buenos Ayres	1,314,163	Frankfort-on-Main	414,576
Peking	1,300,000	Lodz, Poland	408,330
Osaka, Japan	1,226,590	Dublin	403,030
Calcutta	1,222,313	Yokohama	394,303
Constantinople	1,200,000	Belfast	386,947
Rio Janeiro	1,128,637	Nagoya, Japan	378,231
Canton	1,000,000	Kobe, Japan	378,197
Bombay	979,445	Milwaukee	373,857
Hamburg	931,035	Hong Kong	366,145
Glasgow	784,496	Cincinnati	363,591
Buda-Pesth	880,371	Dusseldorf	358,728
Warsaw	872,478	Bristol, Eng.	357,048
Tientsin	800,000	Lisbon	356,009
Liverpool	746,421	Montevideo	352,487
Manchester, Eng.	714,333	Newark, N.J.	347,469
St. Louis	687,029	Stockholm	346,599
Naples	678,031	New Orleans	339,075
Boston	670,585	Bucharest	338,109
Cairo, Egypt	654,476	Nuremberg	333,142
Shanghai	651,000	Santiago, Chili	332,724
Brussels	646,400	Alexandria	332,246
Sidney	636,353	Riga	331,300
Bangkok	628,675	Washington	331,069
Melbourne	600,160	Palermo	321,000
Milan	597,325	Edinburgh	320,318
Munich	596,467	Havana	319,884
Leipzig	589,850	Los Angeles	319,198
Amsterdam	580,960	Antwerp	308,618
Madrid	571,539	Charlottenburg, Prussia	305,978
Cleveland	560,663	Hanover, Germany	302,375
Barcelona	560,000	Minneapolis	301,408
Copenhagen	559,000	Essen, Germany	294,653
Baltimore	558,485	West Ham, Eng.	289,030
Marseilles	550,619	The Hague	288,577
Dresden	550,565	Bradford	288,458
Rome	542,123	Chemnitz	287,807
Pittsburgh	533,905	Stuttgart	286,218
Birmingham, Eng.	526,000	Teheran	280,000
Lyons	523,796	Hull	277,991
Madras	518,660	Genoa	272,221
Cologne	516,527	Jersey City	267,779
Breslau	512,000	Newcastle	266,603
Odessa	505,600	Nottingham	259,904
Kiev, Russia	505,060	Lucknow	259,798
Hyderabad	500,000	Prague	223,741
Mexico City	470,659		

PRESIDENTS OF THE UNITED STATES.

NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of	Residence when elected.	Political Party.
1 GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.	Dec. 14, 1799	Virginia.	Virginia.	Federal.
2 JOHN ADAMS	Oct. 31, 1735	Mar. 4, 1797	"	July 4, 1826	Mass.	Mass.	"
3 THOMAS JEFFERSON	April 2, 1743	"	"	"	Virginia.	Virginia.	Republican.
4 JAMES MADISON	Mar. 16, 1751	"	"	June 28, 1836	"	"	"
5 JAMES MONROE	April 28, 1758	"	"	July 4, 1831	Mass.	Mass.	Coalition.
6 JOHN QUINCY ADAMS	July 11, 1767	"	"	Feb. 23, 1848	Tennessee.	Tennessee.	Democrat.
7 ANDREW JACKSON	Mar. 15, 1767	"	"	June 8, 1845	New York.	New York.	"
8 MARTIN VAN BUREN	Dec. 5, 1782	"	"	July 24, 1862	Ohio.	Ohio.	Whig.
9 WM. H. HARRISON	Feb. 9, 1773	"	1 month	April 4, 1841	Virginia.	Virginia.	Democrat.
10 JOHN TYLER	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 18, 1862	N. Carolina.	Tennessee.	Democrat.
11 JAMES K. POLK	Nov. 2, 1795	Mar. 4, 1845	4 years.	June 15, 1849	Virginia.	Louisiana.	Whig.
12 ZACHARY TAYLOR	Sept. 24, 1784	"	1 year 4 mos.	July 9, 1850	New York.	New York.	"
13 MILLARD FILLMORE	Feb. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 7, 1874	N. Hamp.	N. Hamp.	Democrat.
14 FRANKLIN PIERCE	Nov. 23, 1804	Mar. 4, 1853	4 years.	Oct. 8, 1869	Penn.	Penn.	Republican.
15 JAMES BUCHANAN	April 23, 1791	"	"	June 1, 1868	Kentucky.	Illinois.	"
16 ABRAHAM LINCOLN	Feb. 12, 1809	April 15, 1861	4 yrs. 40 days.	April 15, 1865	N. Carolina.	Tennessee.	"
17 ANDREW JOHNSON	Dec. 29, 1808	Mar. 4, 1865	3 yrs. 10 1/2 mos.	July 31, 1875	Ohio.	Ohio.	"
18 ULYSSES S. GRANT	April 27, 1822	Mar. 4, 1869	8 years.	July 23, 1885	"	"	"
19 RUTHERF'D B. HAYES	Oct. 4, 1822	"	"	Jan. 17, 1893	Vermont.	New York.	Democrat.
20 JAMES A. GARFIELD	Nov. 19, 1831	Sept. 20, 1881	6 1/2 months.	Sept. 19, 1881	New Jersey.	Indiana.	Republican.
21 CHESTER A. ARTHUR	Oct. 5, 1830	Mar. 4, 1881	3 yrs. 5 1/2 mos.	Nov. 18, 1886	Ohio.	New York.	Democrat.
22 GROVER CLEVELAND	Mar. 18, 1837	"	4 years.	June 24, 1908	New Jersey.	Ohio.	Republican.
23 BENJAMIN HARRISON	Aug. 20, 1833	"	"	Mar. 13, 1901	Ohio.	New York.	Republican.
24 GROVER CLEVELAND	Mar. 18, 1837	"	4 yrs. 6 1/2 mos.	June 24, 1908	New York.	Ohio.	Republican.
25 WILLIAM MCKINLEY	Jan. 29, 1843	Sept. 14, 1901	7 yrs. 5 1/2 mos.	Sept. 14, 1901	Ohio.	Ohio.	Republican.
26 THEODORE ROOSEVELT	Oct. 27, 1858	Mar. 4, 1901	4 yrs.	"	Virgin.	New Jersey.	Democrat.
27 WM. HOWARD TAFT	Sept. 15, 1857	"	"	"	"	"	"
28 WOODROW WILSON	Dec. 28, 1856	4, 1913	"	"	"	"	"

INTEREST TABLE.

FOUR PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	1	3	33
5 "	0	0	0	0	0	0	0	1	1	1	5	56
10 "	0	0	0	1	1	1	1	1	1	1	11	1 11
1 Mo.	0	1	1	1	1	2	2	2	3	3	33	3 33
2 "	1	1	2	2	3	4	4	5	6	6	67	6 67
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	1	2	4	5	6	8	9	10	12	13	1 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 Yr.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	0	1	1	1	1	1	1	14	1 39
1 Mo.	1	1	1	2	2	3	3	3	4	4	42	4 17
2 "	1	1	3	3	4	5	6	7	8	8	83	8 33
3 "	1	2	4	5	6	8	9	10	11	13	1 25	12 50
4 "	1	3	5	7	8	10	12	13	15	17	1 67	16 67
6 "	2	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	3	7	11	15	19	23	26	30	34	38	3 75	37 50
1 Yr.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	1	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
1 Mo.	1	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	1	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	4	9	14	18	23	27	32	36	41	45	4 50	45 00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES, AND DAYS OF GRACE.

STATES AND TERRITORIES.	DAYS OF GRACE.		RATES OF INTEREST.		STATUTES OF LIMITATIONS.		
	Notes.	Sight Drafts	Legal	SPECIAL OR CONTRACT	Judgments. Years.	Notes. Years.	Open Accts. Years.
Alabama . . .	No	No	8	8 per ct.	20	6*	3
Alaska . . .	Yes	No	8	12 per ct.	10	6	1
Arizona . . .	No	No	6	No limit.	5	4	3
Arkansas . . .	Yes	Yes	6	10 per ct.	10	5	3
California . . .	No	No	7	No limit.	5	4	4
Colorado . . .	No	No	8	No limit.	20	6	6
Connecticut . . .	No	No	6	No limit.	(a)	(b)	6
Delaware . . .	No	No	6	6 per ct.	10	6†	3
Dist. of Columbia	No	No	6	10 per ct.	12	3	3
Florida . . .	No	No	8	10 per ct.	20	5	2
Georgia . . .	No	No	7	8 per ct.	7	6†	4
Hawaiian Isl'nds	No	No	8	12 per ct.	...	...	...
Idaho . . .	No	No	7	12 per ct.	6	5	4
Illinois . . .	No	No	5	7 per ct.	20	10	5
Indiana . . .	No	No	6	8 per ct.	20	10	6
Iowa . . .	No	No	6	8 per ct.	20†	10	5
Kansas . . .	No	No	6	10 per ct.	5	5	3
Kentucky . . .	No	No	6	6 per ct.	15	15	5
Louisiana . . .	No	No	5	8 per ct.	10	5	3
Maine . . .	No	Yes	6	No limit.	20	6-20	6
Maryland . . .	No	No	6	6 per ct.	12	3	3
Massachusetts . . .	No	Yes	6	No limit.	20	6	6
Michigan . . .	No	No	5	7 per ct.	10	6	6
Minnesota . . .	No	Yes	6	10 per ct.	10	6	6
Mississippi . . .	Yes	Yes	6	10 per ct.	7	6	3
Missouri . . .	No	No	6	8 per ct.	10	10	5
Montana . . .	No	No	8	No limit.	10	8	5
Nebraska . . .	No	No	7	10 per ct.	5	5	4
Nevada . . .	No	No	7	No limit.	6	4	4
New Hampshire . . .	No	Yes	6	6 per ct.	20	6	6
New Jersey . . .	No	No	6	6 per ct.	20	6	6
New Mexico . . .	No	No	6	12 per ct.	7	6	4
New York . . .	No	No	6	11 per ct.	20	6	6
North Carolina . . .	No	No	6	6 per ct.	10	3*	3
North Dakota . . .	No	No	7	12 per ct.	10	6	6
Ohio . . .	No	No	6	8 per ct.	6-15	15	6
Oklahoma . . .	Yes	Yes	6	10 per ct.	1-5	5	3
Oregon . . .	No	No	6	10 per ct.	10	6	6
Pennsylvania . . .	No	No	6	6 per ct.	5	6†	6
Philippine Isl'nds	No	No	6	No limit.	...	...	...
Porto Rico . . .	No	No	6	12 per ct.	...	...	...
Rhode Island . . .	No	Yes	6	No limit.	20	6	6
South Carolina . . .	Yes	Yes	7	8 per ct.	10	6	6
South Dakota . . .	Yes	Yes	7	12 per ct.	10	6	6
Tennessee . . .	No	No	6	6 per ct.	10	6	6
Texas . . .	Yes	Yes	6	10 per ct.	10	4	2
Utah . . .	No	No	8	12 per ct.	8	6	4
Vermont . . .	No	No	6	6 per ct.	8	6	6
Virginia . . .	No	No	6	6 per ct.	20	5*	2-3
Washington . . .	No	No	6	12 per ct.	6	6	3
West Virginia . . .	No	No	6	6 per ct.	10	10	5
Wisconsin . . .	No	No	6	10 per ct.	6-20	6	6
Wyoming . . .	No	No	8	12 per ct.	21	5	8

† Any rate of interest on call loans of \$5,000 or upward, on collateral security.
 (a) No limit. (b) Negotiable notes, 6 years. * Under seal, 10 years.
 † Under seal, 20 years. ‡ In Courts of Record, 20 years; Justice's Court, 10 years. § Accounts between merchants, 2 years.

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4	In. = 1 Hand.	3	Feet = 1 Yard.
7.92	In. = 1 Link.	5½	Yds. = 1 Rod or Pole
18	In. = 1 Cubit.	40	Poles = 1 Furlong
12	In. = 1 Foot.	8	Fur. = 1 Mile.
6	Ft. = 1 Fathom.	69 1-6	Miles = 1 Degree.
60 Geographical Miles = 1 Degree.			
1760 Yards } = 1 Mile.			
5280 Feet }			

MEASURE OF SURFACE.

144	Square Inches = 1 Square Foot.
9	Square Feet = 1 Square Yard.
30½	Square Yards = 1 Sq. Rod, Perch or Pole
40	Square Rods = 1 Square Rood.
4	Square Roods = 1 Acre.
Gunter's Chain = 22 Yards or 100 Links.	
10	Square Chains = 1 Acre.
640	Acres = 1 Square Mile.
272½	Square Feet = 1 Square Rod.
43,560	Square Feet = 1 Acre.

MEASURE OF SOLIDITY.

1728	Cubic Inches = 1 Cubic Foot.
27	Cubic Feet = 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27½	Grains = 1 Drachm (dr.) or 27½ Grains
16	Drachms = 1 Ounce (oz.) or 437½ "
16	Ounces = 1 Pound (lb.) or 7000 "
28	Pounds = 1 Quarter (qr.).
4	Quarters = 1 Hundred-Weight (cwt)
20	Cwts. = 1 Ton.
2240	Pounds = 1 Ton.

TROY WEIGHT.

24	Grains = 1 Pennyweight, or 24 Grains.
20	Pennywts = 1 Ounce, or 480 "
12	Ounces = 1 Pound, or 5760 "

APOTHECARIES' WEIGHT.

20	Grains = 1 Scruple.	8	Drachms = 1 Ounce.
3	Scruples = 1 Drachm.	12	Ounces = 1 Pound.

DIAMOND WEIGHT.

16	Parts = 1 Grain (4-5ths Grain Troy.)
4	Grains = 1 Carat (3 1-5ths Grains Troy.)

LIQUID MEASURE.

4	Gills = 1 Pint.	31½	Gallons = 1 Barrel.
2	Pints = 1 Quart.	54	Gallons = 1 Hhd.
4	Quarts = 1 Gallon.	252	Gallons = 1 Tun.

DRY MEASURE.

8	Quarts = 1 Peck.	8	Bushels = 1 Quarter.
4	Pecks = 1 Bushel.	36	Bushels = 1 Chaldron.
1 Bushel = 2150.42 Cubic Inches.			

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine.....	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
New Hampshire.....	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont.....	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.....	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut.....	..	45	..	56	..	..	32	60	56	56	..	..	..	..	..
New York.....	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey.....	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania.....	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware.....	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland.....	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia.....	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia.....	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.....	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina.....	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina.....	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia.....	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana.....	32	..	..	56	..	..	32	..	..	60	..	..	..	..	..
Arkansas.....	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee.....	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky.....	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio.....	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan.....	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana.....	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois.....	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin.....	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota.....	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa.....	48	52	..	55	..	57	33	60	56	60	50	..	60	60	45
Missouri.....	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas.....	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska.....	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California.....	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon.....	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

HELP! In Case of Accidents.

Drowning. 1. Loosen clothing, if any. 2. Empty lungs of water by laying body on its stomach and lifting it by the middle so that the head hangs down. Jerk the body a few times. 3. Pull tongue forward, using handkerchief, or pin with string, if necessary. 4. Imitate motion of respiration by alternately compressing and expanding the lower ribs, about twenty times a minute. Alternately raising and lowering the arms, from the sides up above the head will stimulate the action of the lungs. Let it be done gently but persistently. 5. Apply warmth and friction to extremities. 6. By holding tongue forward, closing the nostrils and pressing the "Adam's apple" back, (so as to close entrance to stomach) direct inflation may be tried. Take a deep breath and breathe it forcibly into the mouth of patient, compress the chest to expel the air, and repeat the operation. 7. **DON'T GIVE UP!** People have been saved after HOURS of patient, vigorous effort. 8. When breathing begins, get patient into a warm bed, give WARM drinks, or spirits in teaspoonfuls, fresh air and quiet.

Burns and Scalds. Cover with cooking soda and lay wet cloths over it. Whites of eggs and olive oil. Olive or linseed oil, plain or mixed with chalk or whiting.

Lightning. Dash cold water over a person struck.

Sunstroke. Loosen clothing. Get patient into shade and apply ice-cold water to head.

Mad Dog or Snake Bite. Tie cord tight above wound. Suck the wound and cauterize with caustic or white-hot iron at once, or cut out adjoining parts with a sharp knife.

Venomous Insects' Stings, etc. Apply weak ammonia, oil, salt water or iodine.

Fainting. Place flat on back; allow fresh air and sprinkle with water.

Electricity. Release from current, not touching body or wire with hands, metal or a wet stick. Handle body by its clothing, with rubber gloves and shoes if possible, if not, cover hands with dry woolen cloth, and stand on dry boards. Then induce artificial respiration as in a case of drowning. Rub limbs and massage body.

Tests of Death. Hold mirror to mouth. If living, moisture will gather. Push pin into flesh. If dead, the hole will remain, if alive, it will close up.

Cinders in the Eye. Roll soft paper up like a lamplighter and wet the tip to remove, or use a medicine dropper to draw it out. Rub the *other* eye.

Fire in one's Clothing. *Don't run* — especially not down stairs or out of doors. Roll on carpet, or wrap in woolen rug or blanket. Keep the head down so as not to inhale flame.

Fire in a Building. Crawl on the floor. The clearest air is the lowest in the room. Cover head with a woolen wrap, wet if possible. Cut holes for the eyes. Don't get excited.

Fire in Kerosene. *Don't use water*, it will spread the flames. Dirt, sand or flour is the best extinguisher; or smother with woolen rug, table-cloth or carpet.

Suffocation from Inhaling Burning-Gas. Get into the fresh air as soon as possible and lie down. Keep warm. Take Ammonia, — twenty drops to a tumbler of water, at frequent intervals.

ANTIDOTES FOR POISONS

First. Send for a Physician.

Second. INDUCE VOMITING, by tickling throat with feather or finger, drinking hot water or strong Mustard and water. Swallow Sweet Oil or whites of Eggs.

Acids are antidotes for ALKALIES, and *vice versa*.

SPECIAL POISONS AND ANTIDOTES.

Acids. MURIATIC. OXALIC, }
ACETIC. SULPHURIC (Oil of Vit- } Soapsuds, Magnesia, Lime-water.
riol). NITRIC (Aqua Fortis). }

Prussic Acid. Ammonia in water. Dash water in face.

Carbolic Acid. Flour and water, mucilaginous drinks.

Alkalies. POTASH. LYE. } Vinegar or Lemon juice in water.
HARTSHORN. AMMONIA. }

Arsenic. }
Rat Poison. } Milk, raw Eggs, Sweet Oil, Lime-water, Flour
Paris Green. } and water.

Bug Poison. }
Lead. }
Saltpetre. } Whites of Eggs, or Milk in large doses.
Corrosive Sublimate. }
Sugar of Lead. }
Blue Vitriol. }

Chloroform. } Dash cold water on head and chest. Artificial
Chloral. } respiration. Piece of ice in rectum.
Ether. }

Carbonate of Soda. }
Copperas. Cobalt. } Soapsuds and mucilaginous drinks.

Iodine. }
Antimony. } Starch and water. Astringent infusions.
Tartar Emetic. } Strong tea.

Mercury AND ITS SALTS. Whites of Eggs. Milk. Mucilages.

Nitrate of Silver. }
Lunar Caustic. } Salt and water.

Opium. }
Morphine. }
Laudanum. } Strong coffee, hot bath. Keep awake and
Paregoric. } moving at any cost.
Soothing Powders }
or Syrups. }

Strychnine. } Mustard and water. Sulphate of Zinc.
Tinct. of Nux Vomica. } Absolute quiet. Plug the ears.

In most States when the holiday falls on Sunday the Monday following is observed.

Legal holidays in some States are observed as such only by common consent, or when appointed by the Governor, and not by legislative enactment.

ALABAMA—Jan. 1 and 19, Feb. 22, Mardi-Gras, Good Friday, April 13 and 26, June 3, July 4, Labor Day, gen. election, Oct. 12, Thanksgiving, Dec. 25.
ALASKA—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 18, Thanksgiving, Dec. 25, gen. election.
ARIZONA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, election day, Thanksgiving, Dec. 25.
ARKANSAS—Jan. 1 and 19, Feb. 22, Arbor Day, June 3, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
CALIFORNIA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Labor Day, Sept. 9, Oct. 12, Thanksgiving, Dec. 25, gen. elec.
COLORADO—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, Aug. 1, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.
CONNECTICUT—Jan. 1, Feb. 12 and 22, Good Friday, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25.
DELAWARE—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25, election day.
DISTRICT OF COLUMBIA—Jan. 1, Feb. 22, Inauguration Day, May 30, July 4, Labor Day, Thanksgiving, Dec. 25.
FLORIDA—Jan. 1 and 19, Arbor Day, Feb. 22, Good Friday, Apr. 26, June 3, July 4, Labor Day, Thanksg'g, Dec. 25, gen. elec.
GEORGIA—Jan. 1 and 19, Feb. 12 and 22, April 26, June 3, July 4, Labor Day, any Thanksgiving, 1st Friday in Dec., Dec. 25.
HAWAII—Jan. 1, Feb. 22, May 30, June 11, July 4, Labor Day, Regatta Day, Thanksgiving, Dec. 25.
IDAHO—Jan. 1, Feb. 22, Arbor Day, May 30, June 15, July 4, July 15, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
ILLINOIS—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.
INDIANA—Jan. 1, Feb. 12 and 22, public fast, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. elec.
IOWA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, general election.
KANSAS—Jan. 1, Feb. 12 and 22, May 30, public fast, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
KENTUCKY—Jan. 1, Feb. 22, May 30, July 4, public fast, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
LOUISIANA—Jan. 1 and 8, Feb. 22, Mardi-Gras in New Orleans, Good Friday, June 3, July 4, All Saints Day, Labor Day (Orleans Parish), Thanksgiving, Dec. 25, general election.
MAINE—Jan. 1, Feb. 22, Arbor Day, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
MARYLAND—Jan. 1, Feb. 22, Arbor Day, Good Friday, May 30, July 4, Labor Day, Sept. 12, Oct. 12, Thanksg'g, Dec. 25, gen. elec.
MASSACHUSETTS—Feb. 22, April 19, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
MICHIGAN—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Fasting and Thanksgiving Day, Dec. 25, elec. days.
MINNESOTA—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, Arbor Day, gen. election.
MISSISSIPPI—Jan. 1, Feb. 22, April 26, June 3, July 4, Labor Day, Thanksgiving, Dec. 25.

MISSOURI—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election days.
MONTANA—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, public fast, July 4, Labor Day, Oct. 12, Thanksg'g, Dec. 25, gen. election.
NEBRASKA—Jan. 1, Feb. 22, April 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, public fast, Thanksgiving, Dec. 25.
NEVADA—Jan. 1, Feb. 12 and 22, May 30, July 4, Oct. 12, Oct. 31, Thanksgiving, Dec. 25, general election.
NEW HAMPSHIRE—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.
NEW JERSEY—Jan. 1, Feb. 12 and 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, every Saturday p. m., general election.
NEW MEXICO—Jan. 1, Arbor Day, Feb. 22, May 30, Flag Day, July 4, Oct. 12, Thanksgiving, Dec. 25, general election.
NEW YORK—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday p. m.
NORTH CAROLINA—Jan. 1 and 19, Feb. 22, April 12, May 10 and 20, July 4, Labor Day, Thanksgiving, Dec. 25, election day.
NORTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, election last Thursday in June, July 4, Arbor Day, Labor Day, Thanksgiving, public fast, Dec. 25, general election.
OHIO—Jan. 1, Feb. 22, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election.
OKLAHOMA—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, election day.
OREGON—Jan. 1, Feb. 22, May 30, July 4, Labor Day, public fast, Thanksgiving, Dec. 25, general election.
PENNSYLVANIA—Jan. 1, Feb. 12, spring election, Feb. 22, Good Friday, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, general election, every Saturday p. m.
PORTO RICO—Jan. 1, Feb. 22, Mar. 22, Good Friday, May 30, July 4, July 25, Thanksgiving, Christmas.
RHODE ISLAND—Jan. 1, Feb. 22, Arbor Day, May 30, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, State election, general election, Flag Day.
SOUTH CAROLINA—Jan. 1 and 19, Feb. 22, May 10, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, gen. election.
SOUTH DAKOTA—Jan. 1, Feb. 12 and 22, May 30, Arbor Day, July 4, Labor Day, Thanksgiving, Dec. 25, general election.
TENNESSEE—Jan. 1, Feb. 22, Good Friday, 2d Friday in May, June 3, July 4, Labor Day, Thanksgiving, Dec. 25, general election, every Saturday p. m.
TEXAS—Jan. 1, Feb. 22, Mar. 2, April 21, June 3, July 4, Labor Day, Oct. 12, Dec. 25, days of Fasting and Thanksg'g, elec. day.
UTAH—Jan. 1, Feb. 12 and 22, April 15, May 30, July 4, July 24, Labor Day, Thanksgiving, Dec. 25.
VERMONT—Jan. 1, Feb. 22, Fast Day, May 30, July 4, Aug. 16, Labor Day, Oct. 12, Thanksgiving, Dec. 25.
VIRGINIA—Jan. 1 and 19, Feb. 22, May 30, July 4, Labor Day, Thanksgiving, Dec. 25, every Saturday p. m., gen. election.
WASHINGTON—Jan. 1, Feb. 12 and 22, Decoration Day, July 4, Labor Day, Oct. 12, Thanksgiving, Dec. 25, gen. election.
WEST VIRGINIA—Jan. 1, Feb. 12 and 22, May 30, July 4, Labor Day, Oct. 12, Dec. 25, Thanksgiving, general election.
WISCONSIN—Jan. 1, Feb. 22, May 30, Arbor Day, July 4, Labor Day, election 1st Tuesday in Sept., Thanksgiving, Dec. 25, gen. elec.
WYOMING—Jan. 1, Feb. 12 and 22, Arbor Day, May 30, July 4, July 10, Labor Day, Thanksgiving, Dec. 25, general election.

RATE OF INCOME ON STOCKS.

Purchased at the following prices (par value being \$100), and bearing interest at the following rates.

Paid	2%	3%	4%	5%	6%	7%	8%	10%
\$50	4 00	6 00	8 00	10 00	12 00	14 00	16 00	20 00
52½	3 81	5 71	7 62	9 52	11 43	13 33	15 24	19 04
55	3 63	5 45	7 27	9 09	10 91	12 72	14 55	18 18
57½	3 48	5 22	6 96	8 70	10 43	12 17	13 91	17 40
60	3 33	5 00	6 67	8 33	10 00	11 67	13 33	16 66
62½	3 20	4 80	6 40	8 00	9 60	11 20	12 80	16 00
65	3 08	4 62	6 15	7 69	9 23	10 77	12 31	15 38
67½	2 96	4 44	5 93	7 41	8 89	10 37	11 85	14 82
70	2 86	4 29	5 71	7 14	8 57	10 00	11 43	14 28
72½	2 76	4 14	5 52	6 90	8 27	9 65	11 03	13 80
75	2 67	4 00	5 33	6 67	8 00	9 33	10 67	13 35
77½	2 58	3 87	5 16	6 45	7 74	9 03	10 32	12 90
80	2 50	3 75	5 00	6 25	7 50	8 75	10 00	12 50
82½	2 42	3 64	4 85	6 06	7 27	8 48	9 70	12 12
85	2 35	3 53	4 71	5 88	7 06	8 24	9 41	11 76
87½	2 29	3 43	4 57	5 71	6 86	8 00	9 14	11 42
90	2 22	3 33	4 44	5 56	6 67	7 78	8 89	11 11
92½	2 16	3 24	4 32	5 41	6 49	7 57	8 65	10 82
95	2 11	3 16	4 21	5 26	6 32	7 37	8 42	10 52
97½	2 05	3 08	4 10	5 13	6 15	7 18	8 21	10 26
100	2 00	3 00	4 00	5 00	6 00	7 00	8 00	10 00
102	1 96	2 94	3 92	4 90	5 88	6 86	7 84	9 80
104	1 92	2 88	3 85	4 81	5 77	6 73	7 69	9 62
106	1 88	2 83	3 77	4 72	5 66	6 60	7 55	9 44
108	1 85	2 78	3 70	4 63	5 56	6 48	7 41	9 26
110	1 82	2 73	3 64	4 55	5 45	6 36	7 27	9 10
115	1 74	2 61	3 48	4 35	5 22	6 09	6 96	8 69
120	1 67	2 50	3 33	4 17	5 00	5 83	6 67	8 33
125	1 60	2 40	3 20	4 00	4 80	5 60	6 40	8 00
130	1 54	2 31	3 08	3 85	4 62	5 38	6 15	7 70
135	1 48	2 22	2 96	3 70	4 44	5 19	5 93	7 40
140	1 43	2 14	2 86	3 57	4 29	5 00	5 71	7 14
145	1 38	2 07	2 76	3 45	4 14	4 83	5 52	6 90
150	1 33	2 00	2 67	3 33	4 00	4 67	5 33	6 66
155	1 29	1 94	2 58	3 23	3 87	4 52	5 16	6 46
160	1 25	1 87	2 50	3 12	3 75	4 37	5 00	6 25
165	1 21	1 82	2 42	3 03	3 64	4 24	4 85	6 06
170	1 18	1 76	2 35	2 94	3 53	4 12	4 71	5 88
175	1 14	1 71	2 29	2 86	3 43	4 00	4 57	5 72
180	1 11	1 67	2 22	2 78	3 33	3 89	4 44	5 55
185	1 08	1 62	2 16	2 70	3 24	3 78	4 32	5 40
190	1 05	1 58	2 11	2 63	3 16	3 68	4 21	5 26
195	1 03	1 54	2 05	2 56	3 08	3 59	4 10	5 12
200	1 00	1 50	2 00	2 50	3 00	3 50	4 00	5 00

BUSINESS LAW IN DAILY USE.

The following compilation of Business Law contains the essence of a large amount of legal verbiage:

A note by a minor is void.

It is a fraud to conceal a fraud.

A note made on Sunday is void.

Ignorance of the law excuses no one.

A contract made with a minor is void.

A contract made with a lunatic is void.

The acts of one partner bind all the rest.

Notes bear interest only when so stated.

An agreement without consideration is void.

A receipt for money is not always conclusive.

The law compels no one to do impossibilities.

Contracts made on Sunday cannot be enforced.

Signatures made with a lead pencil are good in law.

Principals are responsible for the acts of their agents.

No consideration is sufficient in law if it be illegal in its nature.

Checks or drafts must be presented for payment without unreasonable delay.

If the time of payment of a note is not inserted, it is held payable on demand.

A note obtained by fraud, or from a person in a state of intoxication, cannot be collected.

If the drawee of a check or draft has changed his residence, the holder must use due or reasonable diligence to find him.

A note indorsed in blank (the name of the indorser only written) is transferable by delivery, the same as if made payable to bearer.

Each individual in a partnership is responsible for the whole amount of the debts of the firm, except in cases of special partnership.

If a note is lost or stolen, it does not release the maker; he must pay it, if the consideration for which it was given and the amount can be proven.

Checks or drafts should be presented during business hours, but in this country, except in the case of banks, the time extends through the day and evening.

"Value received" is usually written in a note, and should be, but is not necessary. If not written it is presumed by the law, or may be supplied by proof.

If one who holds a check as payee or otherwise, transfers it to another, he has a right to insist that the check be presented that day, or, at farthest, on the day following.

The maker of an "accommodation" bill or note (one for which he has received no consideration, having lent his name or credit for the accommodation of the holder) is not bound to the person accommodated, but is bound to all other parties, precisely as if there was a good consideration.

VALUES OF FOREIGN COINS.

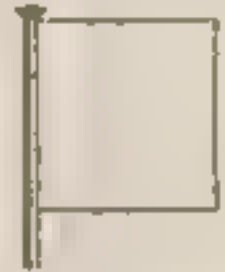



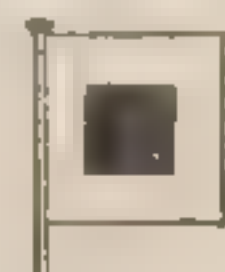
The following estimate, by the Director of the Mint, of the values of Foreign Coins, is proclaimed by the Secretary of the Treasury, in pursuance of the provisions of section 25 of the Act of August 28, 1894, to be the values of such coins in terms of the money of account of the United States, to be followed in estimating the value of all foreign merchandise exported to the United States on or after January 1, 1914, expressed in any of such metallic currencies:

COUNTRY.	STANDARD.	MONETARY UNIT.	VALUE.
			D. C. M.
Argentine Rep.....	Gold	Peso	0 96 5
Austria-Hungary	Gold	Crown.....	0 20 3
Belgium	Gold	Franc	0 19 3
Bolivia	Gold	Boliviano	0 38 9
Brazil	Gold	Milreis	0 54 6
Canada	Gold	Dollar	1 0 0
Costa Rica.....	Gold	Colon.....	0 46 5
Chili	Gold	Peso.....	0 36 5
China.....	Silver	Tael.. { Shanghai..	0 64 9
		{ Haikwan..	0 72 3
		{ (Customs).	
Colombia	Gold	Dollar.....	1 0 0
Denmark	Gold	Crown.....	0 26 8
Ecuador	Gold	Sucre.....	0 48 7
Egypt	Gold	Pound (100 piastres)	4 94 3
Finland.....	Gold	Mark	0 19 3
France	Gold	Franc	0 19 3
German Empire.....	Gold	Mark.....	0 23 8
Great Britain.....	Gold	Pound sterling	4 86 6½
Greece.....	Gold	Drachma	0 19 3
Hayti.....	Gold	Gourde	0 96 5
India (British)	Gold	Rupee.....	0 32 4½
Italy	Gold	Lira.....	0 19 3
Japan	Gold	Yen	0 49 8
Liberia	Gold	Dollar.....	1 0 0
Mexico	Gold	Peso	0 49 8
Netherlands	Gold	Florin	0 40 2
Newfoundland	Gold	Dollar.....	1 1 4
Norway	Gold	Crown.....	0 26 8
Panama	Gold	Balboa.....	1 0 0
Persia	Gold	Kran	0 17 0
Peru	Gold	Libra	4 86 6½
Philippine Islnds	Gold	Peso	0 50 0
Portugal.....	Gold	Escudo	1 8 0
Russia.....	Gold	Ruble.....	0 51 5
Spain.....	Gold	Peseta	0 19 3
Sweden.....	Gold	Crown.....	0 26 8
Switzerland	Gold	Franc	0 19 3
Turkey.....	Gold	Piaster	0 4 4
Uruguay.....	Gold	Peso.....	1 3 4
Venezuela.....	Gold	Bolivar	0 19 3

U.S. DEPARTMENT OF AGRICULTURE




WEATHER BUREAU.

INTERPRETATION OF SIGNALS

No. 1.	No. 2.	No. 3.	No. 4.	No. 5.
White Flag	Blue Flag	White and Blue Flag	Black Triangular Flag	White Flag Black Center
				
Clear or Fair.	Rain or Snow.	Local Rain or Snow.	Temperature.	Cold Wave.

No. 1, alone, indicates fair weather, stationary temperature.
 No. 2, alone, indicates rain or snow, stationary temperature.
 No. 3, alone, indicates local rain or snow, stationary temperature.
 No. 1 with No. 4 above it, indicates fair weather, warmer.
 No. 1 with No. 4 below it, indicates fair weather, colder.
 No. 2 with No. 4 above it, indicates rain or snow, warmer.
 No. 2 with No. 4 below it, indicates rain or snow, colder.
 No. 3 with No. 4 above it, indicates local rain or snow, warmer.
 No. 3 with No. 4 below it, indicates local rain or snow, colder.

DISPLAY EXAMPLES.

Colder. Fair Weather.	
	
Rain or Snow. Warmer.	
	
Local Rain or Snow. Colder.	
	

TO FIND THE LENGTH OF DAY OR NIGHT.

At any time of the year add 12 hours to the time of the sun's setting, and from the sum subtract the time of rising for the length of the day. Subtract the time of setting from 12 hours, and to the remainder add the time of rising next morning for the length of the night. These rules are equally true for apparent time.

STANDARD TIME.

IN this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME. Light face figures indicate A. M. time; heavy face P. M. time.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Standard Time Divisions as adopted by the Railroads.

EASTERN STANDARD—75th Meridian. Canada, between Quebec and Detroit,—U. S. east of Buffalo, N. Y.; Pittsburg, Pa.; Wheeling and Huntington, W. Va.; Bristol, Tenn.; Charlotte, N. C., and Augusta, Ga.

CENTRAL STANDARD—90th Meridian. West from "Eastern" limits, as above, to Broadview, Canada; to the Missouri River in Dakota; North Platte and McCook, Nebraska; Wallace and Dodge City, Kansas; Toyah and Sanderson, Texas.

MOUNTAIN STANDARD—105th Meridian. West from "Central" limits to Heron, Montana; Ogden, Utah; Needles and Yuma, Arizona.

PACIFIC STANDARD—120th Meridian. West from "Mountain" limits to coast.

Correction for the following Cities.

Eastern Standard. 75° Longitude.		Central Standard. 90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.....	25	Cleveland, Ohio.....	— 33
Augusta, Me.....	21	Columbus, Ohio.....	— 28
Portland, Me.....	19	Detroit, Mich.....	— 28
Boston, Mass.....	16	Toledo, Ohio.....	— 26
Newport, R. I.....	15	Dayton, Ohio.....	— 23
Providence, R. I.....	14	Cincinnati, Ohio.....	— 22
Concord, N. H.....	14	Louisville, Ky.....	— 18
New London, Conn.....	11	Indianapolis, Ind.....	— 16
Springfield, Mass.....	10	Chicago, Ill.....	— 10
Montpelier, Vt.....	10	Milwaukee, Wis.....	— 8
Hartford, Conn.....	9	Springfield, Ill.....	— 2
Montreal, Que.....	6	Memphis, Tenn.....	— 0
Albany, N. Y.....	5	New Orleans, La.....	— 0
New York, N. Y.....	4	St. Louis, Mo.....	— 1
Utica, N. Y.....	1	Rock Island, Ill.....	— 3
Philadelphia, Pa.....	1	Dubuque, Iowa.....	— 3
Syracuse, N. Y.....	5	Burlington, Iowa.....	— 5
Baltimore, Md.....	6	St. Paul, Minn.....	— 12
Washington, D. C.....	8	Des Moines, Iowa.....	— 14
Rochester, N. Y.....	11	Kansas City, Mo.....	— 18
Buffalo, N. Y.....	10	Galveston, Texas.....	— 19
Pittsburg, Pa.....	20	Omaha, Neb.....	— 24

Mountain Standard. 105° Longitude.		Pacific Standard. 120° Longitude.	
Denver, Col.....	— 6	Sacramento, Cal.....	+ 6
Salt Lake City, Utah.....	+ 28	San Francisco, Cal.....	+ 10

TIDE TABLE.

To Find High Water (Standard Time) Add to, or Subtract from, High Water at New York.

EASTERN STANDARD.		H.	M.	Mean Range. Feet.
Eastport, Me.....	add	2	37	18.2
Bar Harbor, Me.....	"	2	31	10.5
Rockland, Me.....	"	2	44	9.7
Portland, Me.....	"	2	52	8.9
Portsmouth, N. H.....	"	3	6	9.2
Isle of Shoals, N. H.....	"	3	1	8.7
Newburyport, Mass.....	"	3	6	7.9
Rockport, Mass.....	"	2	39	8.6
Gloucester, Mass.....	"	2	45	8.9
Salem, Mass.....	"	3	0	9.0
Marblehead, Mass.....	"	2	52	9.2
Nahant, Mass.....	"	2	53	9.3
Hull, Mass.....	"	2	53	9.5
Plymouth, Mass.....	"	3	2	9.6
Provincetown, Mass.....	"	3	10	9.2
Nantucket, Mass.....	"	4	9	3.1
Vineyard Haven, Mass.....	"	3	25	1.7
Wood's Hole, North Side, Mass.....	sub.	0	18	4.1
Wood's Hole, South Side, Mass.....	add	0	19	1.7
New Bedford Entrance (Dumpling Rock), Mass. }	sub.	0	17	3.8
Newport, R. I.....	"	0	31	3.5
Bristol, R. I.....	"	0	13	4.1
Providence, R. I.....	"	0	2	4.4
Point Judith, R. I.....	"	0	42	3.1
New Shoreham, Block Island, R. I.....	"	0	41	3.0
New London, Conn.....	add	1	14	2.5
Norwich, Conn.....	"	1	55	3.1
New Haven, Conn.....	"	3	0	6.0
Montauk Point, L. I.....	"	0	7	2.0
Coney Island, L. I.....	sub.	0	29	4.7
West Point, N. Y.....	add	3	2	2.8
Long Branch, N. J.....	sub	0	43	4.3
Cape May City, N. J.....	"	0	10	4.6
League Island, Pa.....	add	5	26	5.4
Philadelphia, Pa.....	"	5	56	5.3
Annapolis, Md.....	sub.	3	12	0.9
Baltimore, Md.....	"	1	20	1.2
Richmond, Va.....	"	3	32	3.7
Hatteras Inlet, N. C.....	"	0	53	2.0
Charleston (C. H. Wharf), S. C.....	"	0	15	5.2

CENTRAL STANDARD.		H.	M.	Mean Range. Feet.
Fort Pulaski (Savannah Ent.), Ga.....	sub.	1	18	6.9
Savannah (Dry Dock Wharf), Ga.....	"	0	23	6.5
Jacksonville, Fla.....	add	0	19	1.0
St. Augustine, Fla.....	sub.	0	14	4.2
Key West, Fla.....	add	0	47	1.2
Tampa Bay (Egmont Key), Fla.....	"	3	3	1.4
Cedar Keys (Depot Key), Fla.....	"	4	39	2.4

FESTIVALS AND FASTS.

Epiphany	Jan. 6
Septuagesima Sunday	Jan. 31
Quinquagesima—Shrove Sunday	Feb. 14
Ash Wednesday	Feb. 17
First Sunday in Lent	Feb. 21
St. Patrick	Mar. 17
Palm Sunday	Mar. 28
Good Friday	April 2
Easter Sunday	April 4
Low Sunday	April 11
Rogation Sunday	May 9
Ascension Day—Holy Thursday	May 13
Pentecost—Whit Sunday	May 23
Trinity Sunday	May 30
Corpus Christi	June 3
St. John Baptist	June 24
Michaelmas Day	Sept. 29
First Sunday in Advent	Nov. 28
St. Andrew	Nov. 30
Christmas Day	Dec. 25

CHRONOLOGICAL CYCLES.

Dominical Letter	C
Epact	14
Lunar Cycle, or Golden Number	16
Solar Cycle	20
Roman Indiction	13
Julian Period	6628

THE SEASONS.

Eastern Standard.		Central Standard.	
Vernal Equinox...	Mar. 21, 11h. M.	Mar. 21, 10h. M.	
Summer Solstice.....	June 22, 7h. M.	June 22, 6h. M.	
Autumnal Equinox.....	Sept. 23, 10h. A.	Sept. 23, 9h. A.	
Winter Solstice.....	Dec. 22, 5h. A.	Dec. 22, 4h. A.	
Mountain Standard.		Pacific Standard.	
Vernal Equinox.....	Mar. 21, 9h. M.	Mar. 21, 8h. M.	
Summer Solstice.....	June 22, 5h. M.	June 22, 4h. M.	
Autumnal Equinox.....	Sept. 23, 8h. A.	Sept. 23, 7h. A.	
Winter Solstice.....	Dec. 22, 3h. A.	Dec. 22, 2h. A.	

MORNING STARS.

MERCURY.—About March 20, July 18 and November 7.

VENUS.—Until September 12.

JUPITER.—February 24 to September 17.

EVENING STARS.

MERCURY.—About February 6, May 31 and September 27.

VENUS.—September 12 to the end of the year.

JUPITER.—Until February 24; September 17 to the end of the year.

ECLIPSES FOR THE YEAR.

In the year 1915 there will be two Eclipses, both of the Sun.

I. AN ANNULAR ECLIPSE OF THE SUN, February 14. Invisible to the United States. Visible to Australia, Madagascar, East Indies, Philippine Islands, Micronesia, Polynesia, and adjoining oceans; being annular along a line drawn just south of the Island of Madagascar across the Indian Ocean and the northwestern part of Australia, and terminating in the middle of the North Pacific Ocean.

II. AN ANNULAR ECLIPSE OF THE SUN, August 10-11. Invisible to the United States. Visible to the eastern portions of China and Siberia, Philippine Islands, Japan, Micronesia, Polynesia, Sandwich Islands, and the Pacific Ocean; being annular along a line drawn just south of Japan across the Pacific Ocean, between the Sandwich and Marquesas Islands, and terminating at a point in the South Pacific Ocean.

POPULATION OF CANADA

Provinces	1911	1901	Per ct. inc.
Alberta.....	374,663	73,022	413.1
British Columbia.....	392,480	178,657	119.7
Manitoba.....	455,614	255,211	78.5
New Brunswick.....	351,889	331,120	6.3
Nova Scotia.....	492,338	459,574	7.1
Ontario.....	2,523,274	2,182,947	15.6
Prince Edward Island...	93,728	103,259	*9.2
Quebec.....	2,003,232	1,648,898	21.5
Saskatchewan.....	492,432	91,279	439.5
Yukon.....	8,512	27,219	*68.7
Northwest Territories.....	18,481	20,129	*8.2
TOTAL.....	7,206,643	5,371,315	34.2

POPULATION PRINCIPAL CANADIAN CITIES

	1911	1901	Per ct. inc.
Brantford, Ont.	23,132	16,619	39.2
Calgary, Albt.	43,704	4,392	989.4
Edmonton, Albt.....	24,900	2,626	848.2
Hamilton, Ont.	81,969	52,634	55.7
Halifax, N. S.	46,619	40,832	14.2
Hull, Que.	18,222	13,993	30.2
Kingston, Ont.	18,874	17,961	5.1
London, Ont.....	46,300	37,976	21.9
Maisonnette.....	18,684		
Montreal, Que.	470,480	267,730	75.7
Ottawa, Ont.....	87,062	59,928	45.3
Peterborough, Ont.	18,360	11,239	63.3
Quebec, Que.....	78,710	68,840	14.3
Regina, Sask.....	30,213	2,249	1,243.0
St. John, N. B.....	42,511	40,711	4.4
Sydney, N. S.	17,723	9,009	78.8
Toronto, Ont.	376,538	208,040	81.0
Vancouver, B. C.	100,401	27,010	271.72
Victoria, B. C.....	31,660	20,919	51.3
Winnipeg, Man.	136,035	42,340	220.8
Windsor, Ont.	17,829	12,153	46.7

The Calendars for the Latitude of Boston and Chicago

May be used for Central and Southern New England, Central New York, Southern Michigan, Southern Wisconsin, Northern Iowa, Northern Nebraska, South Dakota, and Wyoming.

The Calendars for the Latitude of New York and Philadelphia

May be used for Southern New York, New Jersey, Pennsylvania, Northern Ohio, Northern Indiana, Northern Illinois, Southern Iowa, and Southern Nebraska.

The Calendars for the Latitude of Washington, Cincinnati, etc.

May be used for Delaware, Maryland, the Virginias, Southern Ohio, Southern Indiana, Southern Illinois, Kentucky, Missouri, Kansas, and Colorado.

THE SIZE OF THE SEAS.

	Miles Long
Mediterranean.....	2,000
Caribbean.....	1,800
Red.....	1,400
Black.....	932
Baltic.....	600

AREA OF OCEANS IN SQUARE MILES.

Pacific	70,000,000
Atlantic.....	35,000,000
Indian	23,000,000
Southern	7,000,000
Arctic.....	4,000,000

SIZE OF THE GREAT LAKES.

	Miles Long.	Miles Wide.
Superior	380	120
Michigan	330	60
Ontario	170	40
Champlain	123	12
Erie	270	50
Huron.....	250	90
Winnipeg	240	40
Athabaska	200	20



MOON'S PHASES. (In Standard Time.)					EASTERN DIVISION.				CENTRAL DIVISION.			
FULL MOON					1d.	7h.	20m.	A.M.	1d.	6h.	20m.	A.M.
LAST QUARTER.....					8d.	4h.	13m.	P.M.	8d.	3h.	13m.	P.M.
NEW MOON					15d.	9h.	42m.	A.M.	15d.	8h.	42m.	A.M.
FIRST QUARTER					23d.	0h.	32m.	A.M.	22d.	11h.	32m.	P.M.
FULL MOON					30d.	11h.	41m.	P.M.	30d.	10h.	41m.	P.M.
1915					LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Morning	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning	LAT. OF WASH. CIN. & ST. LOUIS.		Local Mean Time.
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.	
1	FR.	r7 30	4 38	11 13		r7 24	4 44	8 7		r7 19	4 52	
2	SA.	s4 38	5 46	11 57		s4 43	5 51	8 55		s4 49	5 58	
3	S	r7 30	6 56	0 20		r7 25	7 0	9 40		r7 19	7 6	
4	MO.	s4 40	8 6	1 3		s4 45	8 9	10 20		s4 50	8 13	
5	TU.	r7 30	9 17	1 45		r7 25	9 19	11 0		r7 19	9 21	
6	WE.	s4 42	10 28	2 26		s4 47	10 28	11 44		s4 52	10 29	
7	TH.	r7 30	11 39	3 9		r7 25	11 38	0 7		r7 19	11 37	
8	FR.	s4 44	morn	3 56		s4 49	morn	0 55		s4 54	morn	
9	SA.	r7 29	0 54	4 50		r7 24	0 51	1 48		r7 19	0 48	
10	S	s4 46	2 11	5 50		s4 51	2 7	2 48		s4 56	2 2	
11	MO.	r7 29	3 29	6 56		r7 24	3 23	3 54		r7 19	3 18	
12	TU.	s4 48	4 46	8 7		s4 53	4 39	5 3		s4 58	4 33	
13	WE.	r7 28	5 58	9 14		r7 24	5 51	6 13		r7 18	5 43	
14	TH.	s4 50	6 57	10 17		s4 55	6 50	7 14		s5 0	6 43	
15	FR.	r7 27	sets	11 12		r7 23	sets	8 7		r7 18	sets	
16	SA.	s4 52	6 13	.....		s4 57	6 17	8 58		s5 2	6 22	
17	S	r7 27	7 26	0 23		r7 22	7 29	9 44		r7 17	7 32	
18	MO.	s4 55	8 35	1 7		s5 0	8 36	10 23		s5 5	8 39	
19	TU.	r7 25	9 40	1 46		r7 21	9 40	11 0		r7 16	9 41	
20	WE.	s4 57	10 44	2 25		s5 2	10 43	11 40		s5 7	10 42	
21	TH.	r7 24	11 47	3 4		r7 20	11 44	0 1		r7 15	11 43	
22	FR.	s5 0	morn	3 44		s5 4	morn	0 43		s5 9	morn	
23	SA.	r7 23	0 51	4 29		r7 19	0 47	1 28		r7 14	0 44	
24	S	s5 2	1 55	5 20		s5 7	1 50	2 18		s5 11	1 45	
25	MO.	r7 21	2 58	6 15		r7 17	2 52	3 13		r7 13	2 46	
26	TU.	s5 5	3 59	7 15		s5 9	3 52	4 12		s5 13	3 45	
27	WE.	r7 20	4 57	8 14		r7 16	4 50	5 11		r7 12	4 42	
28	TH.	s5 7	5 49	9 11		s5 11	5 42	6 9		s5 16	5 35	
29	FR.	r7 18	6 32	10 5		r7 14	6 26	7 3		r7 10	6 19	
30	SA.	s5 10	rises	10 52		s5 14	rises	7 47		s5 18	rises	
31	S	r7 16	5 52	11 36		r7 12	5 55	8 32		r7 8	6 0	



FEBRUARY

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
LAST QUARTER.....	7d. oh. 11m. A.M.	6d. 11h. 11m. P.M.
NEW MOON.....	13d. 11h. 31m. P.M.	13d. 10h. 31m. P.M.
FIRST QUARTER.....	21d. 9h. 58m. P.M.	21d. 8h. 58m. P.M.

1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
D.of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	Mo.	r7 15	7 5	.....		r7 11	7 7	9 16		r7 8	7 10
2	Tu.	s5 14	8 17	0 38		s5 18	8 18	9 56		s5 22	8 19
3	We.	r7 13	9 29	1 18		r7 10	9 28	10 34		r7 6	9 28
4	Th.	s5 17	10 43	2 0		s5 20	10 41	11 15		s5 24	10 39
5	Fr.	r7 11	11 59	2 43		r7 8	11 55	.....		r7 4	11 51
6	Sa.	s5 19	morn	3 30		s5 23	morn	0 30		s5 26	morn
7	S	r7 9	1 17	4 28		r7 6	1 12	1 26		r7 2	1 6
8	Mo.	s5 22	2 34	5 33		s5 25	2 28	2 31		s5 28	2 21
9	Tu.	r7 7	3 46	6 48		r7 3	3 39	3 45		r7 0	3 31
10	We.	s5 25	4 48	8 2		s5 28	4 41	4 59		s5 30	4 34
11	Th.	r7 4	5 37	9 8		r7 1	5 31	6 6		r6 58	5 24
12	Fr.	s5 27	6 16	10 6		s5 30	6 11	7 3		s5 33	6 5
13	Sa.	r7 1	sets	10 55		r6 58	sets	7 50		r6 56	sets
14	S	s5 30	6 14	11 35		s5 32	6 16	8 31		s5 35	6 19
15	Mo.	r6 59	7 23	.....		r6 56	7 24	9 12		r6 53	7 25
16	Tu.	s5 32	8 28	0 33		s5 35	8 27	9 49		s5 37	8 28
17	We.	r6 56	9 32	1 9		r6 53	9 30	10 24		r6 51	9 29
18	Th.	s5 35	10 35	1 46		s5 37	10 32	10 59		s5 40	10 29
19	Fr.	r6 53	11 40	2 23		r6 51	11 36	11 38		r6 48	11 31
20	Sa.	s5 37	morn	3 3		s5 40	morn	0 0		s5 42	morn
21	S	r6 50	0 45	3 47		r6 48	0 39	0 46		r6 46	0 34
22	Mo.	s5 39	1 47	4 40		s5 42	1 41	1 39		s5 44	1 34
23	Tu.	r6 47	2 45	5 39		r6 45	2 38	2 37		r6 43	2 31
24	We.	s5 42	3 38	6 42		s5 45	3 31	3 39		s5 46	3 23
25	Th.	r6 44	4 25	7 45		r6 42	4 18	4 42		r6 40	4 12
26	Fr.	s5 45	5 4	8 44		s5 47	4 58	5 42		s5 49	4 52
27	Sa.	r6 41	5 37	9 38		r6 39	5 32	6 36		r6 37	5 28
28	S	s5 47	6 5	10 26		s5 49	6 2	7 22		s5 51	5 59
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MARCH

MOON'S PHASES. (In Standard Time.)	EASTERN DIVISION.	CENTRAL DIVISION.
FULL MOON.....	1d. 1h. 33m. P.M.	1d. oh. 33m. P.M.
LAST QUARTER.....	8d. 7h. 28m. A.M.	8d. 6h. 28m. A.M.
NEW MOON.....	15d. 2h. 42m. P.M.	15d. 1h. 42m. P.M.
FIRST QUARTER.....	23d. 5h. 48m. P.M.	23d. 4h. 48m. P.M.
FULL MOON.....	31d. oh. 38m. A.M.	30d. 11h. 38m. P.M.

1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.	
D.of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.	
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.
1	Mo.	r6 38	5 59	11 9		r6 36	6 0	8 3		r6 35	6 2
2	Tu.	s5 50	7 13	11 49		s5 51	7 13	8 46		s5 53	7 13
3	We.	r6 35	8 28	0 9		r6 33	8 26	9 28		r6 32	8 25
4	Th.	s5 52	9 46	0 51		s5 53	9 43	10 10		s5 55	9 39
5	Fr.	r6 32	11 6	1 36		r6 30	11 1	10 53		r6 29	10 56
6	Sa.	s5 54	morn	2 23		s5 55	morn	11 45		s5 57	morn
7	S	r6 28	0 24	3 16		r6 27	0 18	0 14		r6 26	0 12
8	Mo.	s5 57	1 38	4 19		s5 58	1 31	1 18		s5 59	1 24
9	Tu.	r6 25	2 42	5 30		r6 24	2 35	2 29		r6 23	2 27
10	We.	s5 59	3 35	6 45		s6 0	3 29	3 42		s6 1	3 22
11	Th.	r6 21	4 17	7 53		r6 21	4 11	4 50		r6 20	4 6
12	Fr.	s6 1	4 50	8 52		s6 2	4 45	5 50		s6 3	4 41
13	Sa.	r6 18	5 16	9 43		r6 17	5 13	6 41		r6 17	5 10
14	S	s6 4	5 39	10 26		s6 4	5 37	7 22		s6 5	5 36
15	Mo.	r6 15	sets	11 5		r6 14	sets	7 59		r6 14	sets
16	Tu.	s6 6	7 18	11 41		s6 6	7 17	8 37		s6 7	7 16
17	We.	r6 11	8 22	.....		r6 11	8 19	9 14		r6 11	8 18
18	Th.	s6 9	9 26	0 33		s6 8	9 22	9 49		s6 9	9 18
19	Fr.	r6 8	10 30	1 10		r6 8	10 25	10 26		r6 8	10 20
20	Sa.	s6 11	11 34	1 49		s6 11	11 28	11 5		s6 11	11 22
21	S	r6 4	morn	2 31		r6 4	morn	11 50		r6 4	morn
22	Mo.	s6 13	0 34	3 17		s6 13	0 27	0 15		s6 13	0 20
23	Tu.	r6 1	1 29	4 10		r6 1	1 22	1 9		r6 1	1 14
24	We.	s6 15	2 18	5 9		s6 15	2 11	2 7		s6 15	2 4
25	Th.	r5 57	2 59	6 11		r5 58	2 53	3 9		r5 58	2 47
26	Fr.	s6 18	3 33	7 14		s6 17	3 28	4 11		s6 17	3 23
27	Sa.	r5 54	4 2	8 12		r5 54	3 58	5 8		r5 55	3 54
28	S	s6 20	4 28	9 4		s6 19	4 25	6 2		s6 19	4 24
29	Mo.	r5 50	4 52	9 52		r5 51	4 51	6 50		r5 52	4 51
30	Tu.	s6 22	5 14	10 38		s6 21	5 14	7 33		s6 20	5 16
31	We.	r5 47	5 37	11 20		r5 48	5 39	8 14		r5 49	5 42



APRIL

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
LAST QUARTER.....				6d.	3h.	12m.	P.M.	6d.	2h.	12m.	P.M.
NEW MOON.....				14d.	6h.	36m.	A.M.	14d.	5h.	36m.	A.M.
FIRST QUARTER.....				22d.	10h.	39m.	A.M.	22d.	9h.	39m.	A.M.
FULL MOON.....				29d.	9h.	19m.	A.M.	29d.	8h.	19m.	A.M.

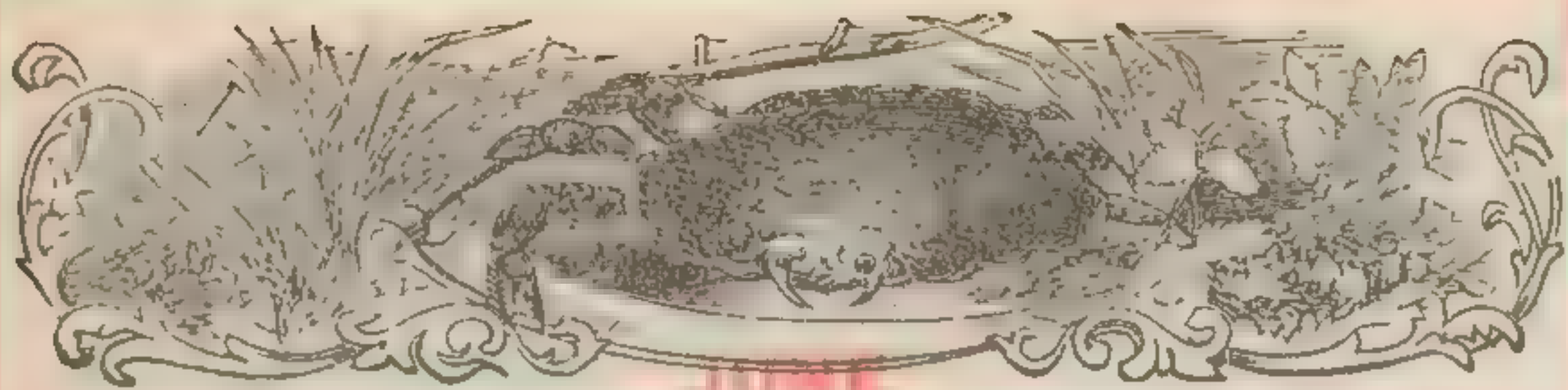
1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.		Sun R. & S.	Moon R. & S.
		SUN	MOON			SUN	MOON			SUN	MOON		
		R. & S.	R. & S.			R. & S.	R. & S.			R. & S.	R. & S.		
1	TH.	r5 45	8 44	.....		r5 46	8 40	9 2		r5 47	8 36		
2	FR.	s6 25	10 6	0 28		s6 24	10 0	9 50		s6 23	9 55		
3	SA.	r5 41	11 24	1 17		r5 43	11 17	10 38		r5 44	11 11		
4	S	s6 27	morn	2 11		s6 26	morn	11 36		s6 25	morn		
5	MO.	r5 38	0 35	3 10		r5 39	0 28	0 8		r5 40	0 20		
6	TU.	s6 30	1 33	4 14		s6 28	1 26	1 13		s6 27	1 19		
7	WE.	r5 34	2 18	5 24		r5 36	2 12	2 22		r5 37	2 6		
8	TH.	s6 32	2 53	6 31		s6 31	2 48	3 28		s6 29	2 43		
9	FR.	r5 31	3 20	7 32		r5 33	3 17	4 23		r5 34	3 14		
10	SA.	s6 34	3 43	8 25		s6 33	3 41	5 21		s6 31	3 40		
11	S	r5 28	4 4	9 11		r5 29	4 3	6 9		r5 31	4 3		
12	MO.	s6 37	4 24	9 53		s6 35	4 24	6 50		s6 33	4 26		
13	TU.	r5 24	4 43	10 32		r5 26	4 45	7 28		r5 28	4 47		
14	WE.	s6 39	sets	11 8		s6 37	sets	8 2		s6 35	sets		
15	TH.	r5 21	8 18	11 43		r5 23	8 13	8 39		r5 25	8 9		
16	FR.	s6 41	9 22	0 1		s6 39	9 16	9 19		s6 37	9 10		
17	SA.	r5 18	10 23	0 41		r5 20	10 17	9 59		r5 22	10 10		
18	S	s6 43	11 21	1 22		s6 41	11 14	10 40		s6 39	11 7		
19	MO.	r5 15	morn	2 7		r5 17	morn	11 25		r5 19	11 58		
20	TU.	s6 45	0 12	2 53		s6 43	0 5	.....		s6 41	morn		
21	WE.	r5 12	0 56	3 44		r5 14	0 50	0 43		r5 17	0 43		
22	TH.	s6 48	1 32	4 40		s6 45	1 27	1 39		s6 43	1 21		
23	FR.	r5 8	2 2	5 38		r5 11	1 58	2 36		r5 14	1 53		
24	SA.	s6 50	2 28	6 36		s6 47	2 25	3 33		s6 45	2 22		
25	S	r5 5	2 52	7 33		r5 8	2 50	4 29		r5 11	2 49		
26	MO.	s6 52	3 14	8 27		s6 49	3 14	5 23		s6 47	3 14		
27	TU.	r5 2	3 37	9 16		r5 5	3 38	6 14		r5 9	3 40		
28	WE.	s6 54	4 2	10 6		s6 51	4 5	7 4		s6 48	4 8		
29	TH.	r5 0	rises	10 53		r5 3	rises	7 50		r5 6	rises		
30	FR.	s6 57	8 59	11 43		s6 53	8 53	8 42		s6 50	8 47		



MAY

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
LAST QUARTER.....				6d.	0h.	23m.	A.M.	5d.	11h.	23m.	P.M.
NEW MOON.....				13d.	10h.	31m.	P.M.	13d.	9h.	31m.	P.M.
FIRST QUARTER.....				21d.	11h.	50m.	P.M.	21d.	10h.	50m.	P.M.
FULL MOON.....				28d.	4h.	33m.	P.M.	28d.	3h.	33m.	P.M.

1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide. Stand. Time.	Morning.	Local Mean Time.		N. Y. Tide. Stand. Time.	Morning.	Local Mean Time.		Sun R. & S.	Moon R. & S.
		SUN	MOON			SUN	MOON			SUN	MOON		
		R. & S.	R. & S.			R. & S.	R. & S.			R. & S.	R. & S.		
1	SA.	r4 57	10 17	0 12		r5 0	10 10	9 37		r5 4	10 3		
2	S	s6 59	11 23	1 7		s6 55	11 16	10 31		s6 52	11 9		
3	MO.	r4 54	morn	2 4		r4 58	morn	11 29		r5 1	morn		
4	TU.	s7 1	0 13	3 3		s6 58	0 7	0 0		s6 54	0 1		
5	WE.	r4 51	0 52	4 3		r4 55	0 47	1 2		r4 59	0 42		
6	TH.	s7 3	1 23	5 3		s7 0	1 19	2 1		s6 56	1 16		
7	FR.	r4 49	1 48	6 1		r4 53	1 45	2 58		r4 57	1 44		
8	SA.	s7 6	2 9	6 55		s7 2	2 8	3 52		s6 58	2 7		
9	S	r4 46	2 29	7 45		r4 50	2 29	4 42		r4 55	2 30		
10	MO.	s7 8	2 49	8 31		s7 4	2 50	5 28		s7 0	2 52		
11	TU.	r4 44	3 9	9 14		r4 48	3 11	6 12		r4 53	3 15		
12	WE.	s7 10	3 31	9 56		s7 6	3 35	6 53		s7 1	3 39		
13	TH.	r4 42	3 55	10 37		r4 46	4 0	7 32		r4 51	4 6		
14	FR.	s7 12	sets	11 17		s7 8	sets	8 12		s7 3	sets		
15	SA.	r4 40	9 15	11 57		r4 44	9 8	8 55		r4 49	9 1		
16	S	s7 14	10 8	0 18		s7 10	10 1	9 39		s7 5	9 54		
17	MO.	r4 38	10 53	1 2		r4 42	10 47	10 21		r4 47	10 40		
18	TU.	s7 16	11 31	1 47		s7 12	11 25	11 5		s7 7	11 19		
19	WE.	r4 36	morn	2 33		r4 40	11 57	11 52		r4 45	11 52		
20	TH.	s7 18	0 2	3 19		s7 13	morn	0 17		s7 9	morn		
21	FR.	r4 34	0 29	4 8		r4 39	0 25	1 7		r4 43	0 22		
22	SA.	s7 20	0 53	4 59		s7 15	0 51	1 57		s7 10	0 49		
23	S	r4 32	1 15	5 53		r4 37	1 14	2 51		r4 42	1 14		
24	MO.	s7 22	1 36	6 50		s7 17	1 36	3 47		s7 12	1 38		
25	TU.	r4 30	2 0	7 46		r4 35	2 2	4 43		r4 40	2 5		
26	WE.	s7 24	2 27	8 43		s7 19	2 30	5 41		s7 14	2 35		
27	TH.	r4 29	2 59	9 41		r4 34	3 4	6 39		r4 39	3 9		
28	FR.	s7 26	rises	10 39		s7 21	rises	7 34		s7 15	rises		
29	SA.	r4 28	9 3	11 34		r4 33	8 56	8 29		r4 38	8 49		
30	S	s7 27	10 1	0 2		s7 22	9 55	9 29		s7 17	9 48		
31	MO.	r4 27	10 48	0 59		r4 32	10 43	10 24		r4 37	10 37		



JUNE

MOON'S PHASES.
(In Standard Time).

EASTERN DIVISION.

CENTRAL DIVISION.

LAST QUARTER.....	4d. 11h. 32m. A.M.	4d. 10h. 32m. A.M.
NEW MOON.....	12d. 1h. 57m. P.M.	12d. 0h. 57m. P.M.
FIRST QUARTER.....	20d. 0h. 24m. A.M.	20d. 8h. 24m. A.M.
FULL MOON.....	26d. 11h. 27m. P.M.	26d. 10h. 27m. P.M.

1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D.of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.		Sun	Moon
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.					R.& S.	R.& S.
1	TU.	r4 26	11 24	1 54		r4 32	11 20	11 15		r4 37	11 16		
2	WE.	s7 30	11 51	2 47		s7 24	11 48	.....		s7 19	11 46		
3	TH.	r4 25	morn	3 37		r4 30	morn	0 36		r4 36	morn		
4	FR.	s7 31	0 14	4 27		s7 26	0 12	1 26		s7 20	0 12		
5	SA.	r4 24	0 34	5 18		r4 30	0 34	2 17		r4 35	0 34		
6	S.	s7 33	0 54	6 9		s7 27	0 55	3 7		s7 22	0 57		
7	MO.	r4 24	1 14	6 59		r4 29	1 16	3 56		r4 35	1 19		
8	TU.	s7 34	1 36	7 49		s7 28	1 39	4 45		s7 23	1 44		
9	WE.	r4 23	2 0	8 37		r4 29	2 4	5 34		r4 34	2 10		
10	TH.	s7 35	2 28	9 23		s7 30	2 33	6 22		s7 24	2 40		
11	FR.	r4 22	3 3	10 11		r4 28	3 9	7 8		r4 34	3 17		
12	SA.	s7 36	sets	10 57		s7 31	sets	7 50		s7 25	sets		
13	S.	r4 22	8 51	11 38		r4 28	8 44	8 34		r4 34	8 37		
14	MO.	s7 37	9 31	0 0		s7 32	9 25	9 20		s7 26	9 19		
15	TU.	r4 22	10 4	0 44		r4 28	9 59	10 3		r4 34	9 54		
16	WE.	s7 38	10 32	1 26		s7 32	10 28	10 43		s7 27	10 25		
17	TH.	r4 22	10 57	2 10		r4 28	10 54	11 26		r4 34	10 53		
18	FR.	s7 39	11 19	2 51		s7 33	11 18	.....		s7 27	11 17		
19	SA.	r4 22	11 40	3 34		r4 28	11 40	0 32		r4 34	11 41		
20	S.	s7 39	morn	4 22		s7 34	morn	1 21		s7 28	morn		
21	MO.	r4 23	0 2	5 14		r4 28	0 3	2 12		r4 34	0 6		
22	TU.	s7 40	0 27	6 11		s7 34	0 29	3 9		s7 28	0 33		
23	WE.	r4 23	0 55	7 14		r4 29	0 59	4 11		r4 35	1 4		
24	TH.	s7 40	1 30	8 20		s7 35	1 35	5 16		s7 29	1 42		
25	FR.	r4 24	2 16	9 25		r4 29	2 22	6 23		r4 35	2 30		
26	SA.	s7 40	rises	10 29		s7 35	rises	7 25		s7 29	rises		
27	S.	r4 24	8 37	11 26		r4 30	8 31	8 20		r4 36	8 25		
28	MO.	s7 40	9 18	.....		s7 35	9 13	9 18		s7 29	9 8		
29	TU.	r4 25	9 49	0 46		r4 31	9 45	10 8		r4 36	9 42		
30	WE.	s7 40	10 15	1 35		s7 35	10 13	10 52		s7 29	10 12		
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JULY

MOON'S PHASES.
(In Standard Time).

EASTERN DIVISION.

CENTRAL DIVISION.

LAST QUARTER.....	4d. 0h. 54m. A.M.	3d. 11h. 54m. P.M.
NEW MOON.....	12d. 4h. 31m. A.M.	12d. 3h. 31m. A.M.
FIRST QUARTER.....	19d. 4h. 9m. P.M.	19d. 3h. 9m. P.M.
FULL MOON.....	26d. 7h. 11m. A.M.	26d. 6h. 11m. A.M.

1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D.of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.		Sun	Moon
		SUN R.& S.	MOON R.& S.			SUN R.& S.	MOON R.& S.					R.& S.	R.& S.
1	TH.	r4 26	10 38	2 20		r4 32	10 37	11 37		r4 37	10 37		
2	FR.	s7 40	10 59	3 2		s7 35	10 59	.....		s7 29	11 1		
3	SA.	r4 27	11 18	3 46		r4 33	11 20	0 45		r4 38	11 22		
4	S.	s7 40	11 39	4 32		s7 34	11 42	1 31		s7 29	11 46		
5	MO.	r4 28	morn	5 21		r4 34	morn	2 19		r4 39	morn		
6	TU.	s7 40	0 2	6 13		s7 34	0 6	3 10		s7 28	0 11		
7	WE.	r4 29	0 29	7 7		r4 35	0 34	4 4		r4 40	0 40		
8	TH.	s7 39	1 2	8 3		s7 33	1 8	4 59		s7 28	1 15		
9	FR.	r4 30	1 42	8 56		r4 37	1 49	5 54		r4 42	1 57		
10	SA.	s7 38	2 29	9 48		s7 33	2 36	6 45		s7 27	2 44		
11	S.	r4 32	3 25	10 36		r4 38	3 32	7 32		r4 43	3 39		
12	MO.	s7 38	sets	11 20		s7 32	sets	8 15		s7 26	sets		
13	TU.	r4 33	8 37	.....		r4 39	8 33	9 0		r4 44	8 28		
14	WE.	s7 37	9 2	0 23		s7 31	8 59	9 41		s7 25	8 56		
15	TH.	r4 35	9 25	1 2		r4 40	9 23	10 19		r4 46	9 22		
16	FR.	s7 35	9 46	1 42		s7 30	9 46	10 56		s7 24	9 46		
17	SA.	r4 36	10 7	2 21		r4 42	10 8	11 37		r4 47	10 10		
18	S.	s7 34	10 29	3 3		s7 29	10 31	0 0		s7 23	10 35		
19	MO.	r4 38	10 55	3 47		r4 43	10 59	0 46		r4 49	11 3		
20	TU.	s7 33	11 27	4 42		s7 27	11 32	1 41		s7 22	11 38		
21	WE.	r4 40	morn	5 45		r4 45	morn	2 43		r4 50	morn		
22	TH.	s7 31	0 8	6 56		s7 26	0 14	3 53		s7 21	0 21		
23	FR.	r4 42	0 59	8 8		r4 47	1 6	5 5		r4 52	1 14		
24	SA.	s7 29	2 2	9 18		s7 24	2 9	6 16		s7 19	2 17		
25	S.	r4 44	3 18	10 21		r4 48	3 24	7 18		r4 53	3 31		
26	MO.	s7 28	rises	11 15		s7 22	rises	8 9		s7 18	rises		
27	TU.	r4 46	8 15	.....		r4 50	8 12	8 59		r4 55	8 10		
28	WE.	s7 26	8 39	0 23		s7 21	8 38	9 43		s7 16	8 37		
29	TH.	r4 48	9 1	1 5		r4 52	9 1	10 22		r4 57	9 2		
30	FR.	s7 24	9 21	1 46		s7 19	9 22	11 0		s7 14	9 24		
31	SA.	r4 50	9 42	2 26		r4 54	9 44	11 41		r4 59	9 48		



1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide.		Local Mean Time.		N. Y. Tide.		Local Mean Time.		N. Y. Tide.	
		SUN R. & S.	MOON R. & S.	Stand. Time.	Morning	SUN R. & S.	MOON R. & S.	Stand. Time.	Morning	SUN R. & S.	MOON R. & S.	Stand. Time.	Morning
1	S	r4 51	10 5	3 5	r4 55	10 9	0 2	r5 0	10 13				
2	Mo.	s7 20	10 30	3 48	s7 16	10 35	0 47	s7 11	10 41				
3	Tu.	r4 53	11 0	4 37	r4 57	11 6	1 35	r5 1	11 13				
4	We.	s7 17	11 38	5 32	s7 14	11 44	2 30	s7 9	11 52				
5	Th.	r4 55	morn	6 31	r4 59	morn	3 29	r5 3	morn				
6	Fr.	s7 15	0 23	7 32	s7 11	0 30	4 29	s7 7	0 38				
7	Sa.	r4 57	1 15	8 29	r5 1	1 22	5 27	r5 5	1 30				
8	S	s7 12	2 15	9 23	s7 9	2 21	6 21	s7 5	2 29				
9	Mo.	r4 59	3 20	10 12	r5 3	3 25	7 9	r5 6	3 32				
10	Tu.	s7 10	sets	10 57	s7 6	sets	7 52	s7 2	sets				
11	We.	r5 1	7 30	11 36	r5 5	7 28	8 32	r5 8	7 27				
12	Th.	s7 7	7 51	...	s7 4	7 50	9 13	s7 0	7 50				
13	Fr.	r5 3	8 13	0 34	r5 6	8 14	9 52	r5 10	8 15				
14	Sa.	s7 4	8 36	1 14	s7 1	8 38	10 29	s6 58	8 41				
15	S	r5 5	9 0	1 53	r5 8	9 3	11 10	r5 12	9 7				
16	Mo.	s7 1	9 28	2 37	s6 58	9 33	11 57	s6 55	9 38				
17	Tu.	r5 7	10 5	3 26	r5 10	10 11	0 24	r5 14	10 18				
18	We.	s6 58	10 52	4 24	s6 55	10 59	1 23	s6 52	11 6				
19	Th.	r5 9	11 50	5 34	r5 12	11 57	2 32	r5 16	morn				
20	Fr.	s6 55	morn	6 50	s6 53	morn	3 47	s6 50	0 5				
21	Sa.	r5 12	0 59	8 4	r5 14	1 5	5 0	r5 17	1 13				
22	S	s6 52	2 14	9 9	s6 50	2 20	6 7	s6 47	2 26				
23	Mo.	r5 14	3 32	10 6	r5 16	3 36	7 4	r5 19	3 42				
24	Tu.	s6 49	rises	10 54	s6 47	rises	7 49	s6 44	rises				
25	We.	r5 16	7 3	11 34	r5 18	7 2	8 30	r5 21	7 2				
26	Th.	s6 46	7 23	...	s6 44	7 24	9 12	s6 41	7 23				
27	Fr.	r5 18	7 45	0 32	r5 20	7 47	9 49	r5 23	7 50				
28	Sa.	s6 43	8 7	1 10	s6 41	8 10	10 25	s6 39	8 10				
29	S	r5 20	8 31	1 49	r5 22	8 35	11 3	r5 25	8 4				
30	Mo.	s6 40	9 0	2 29	s6 37	9 5	11 46	s6 35	9 1				
31	Tu.	r5 22	9 34	3 12	r5 24	9 40	0 10	r5 26	9 4				



1915		LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. GIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.		Morning.	
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.		
1	WE.	15 23	10 15	4 2		15 25	10 22	1 1		15 27	10 30		
2	TH.	16 34	11 5	4 58		16 32	11 12	1 56		16 31	11 20		
3	FR.	15 25	morn	5 58		15 27	morn	2 56		15 29	morn		
4	SA.	16 31	0 2	7 1		16 29	0 8	3 58		16 27	0 16		
5	S	15 27	1 5	8 1		15 29	1 11	4 57		15 31	1 18		
6	MO.	16 28	2 12	8 55		16 27	2 17	5 53		16 24	2 22		
7	Tu.	15 29	3 21	9 43		15 31	3 24	6 42		15 33	3 29		
8	WE.	16 24	4 30	10 27		16 23	4 32	7 24		16 21	4 35		
9	TH.	15 32	sets	11 8		15 33	sets	8 2		15 34	sets		
10	FR.	16 21	6 40	11 46		16 19	6 41	8 42		16 18	6 44		
11	SA.	15 34	7 4	0 6		15 35	7 7	9 25		15 36	7 10		
12	S	16 17	7 32	0 47		16 16	7 36	10 6		16 15	7 41		
13	MO.	15 36	8 7	1 32		15 37	8 12	10 51		15 38	8 19		
14	Tu.	16 14	8 50	2 21		16 13	8 56	11 43		16 12	9 4		
15	WE.	15 38	9 44	3 15		15 39	9 51	0 13		15 40	9 59		
16	TH.	16 10	10 49	4 20		16 9	10 56	1 19		16 9	11 4		
17	FR.	15 40	morn	5 32		15 41	morn	2 30		15 42	morn		
18	SA.	16 7	0 1	6 46		16 6	0 7	3 43		16 6	0 14		
19	S	15 42	1 16	7 53		15 43	1 21	4 50		15 43	1 27		
20	MO.	16 3	2 31	8 51		16 3	2 34	5 48		16 2	2 39		
21	Tu.	15 44	3 43	9 41		15 45	3 45	6 39		15 45	3 48		
22	WE.	16 0	4 52	10 25		15 59	4 53	7 22		15 59	4 54		
23	TH.	15 47	rises	11 5		15 47	rises	7 58		15 47	rises		
24	FR.	15 56	6 10	11 41		15 56	6 13	8 37		15 56	6 16		
25	SA.	15 49	6 34	...		15 49	6 38	9 16		15 49	6 43		
26	S	15 52	7 1	0 36		15 53	7 6	9 54		15 53	7 12		
27	MO.	15 51	7 33	1 16		15 51	7 39	10 32		15 51	7 46		
28	Tu.	15 49	8 12	1 59		15 49	8 18	11 15		15 49	8 26		
29	WE.	15 53	8 58	2 44		15 53	9 5	...		15 52	9 13		
30	TH.	15 45	9 51	3 33		15 46	9 58	0 31		15 46	10 6		



OCTOBER

MOON'S PHASES. (In Standard Time.)				EASTERN DIVISION.				CENTRAL DIVISION.			
LAST QUARTER.....				1d.	4h.	44m.	A.M.	1d.	3h.	44m.	A.M.
NEW MOON.....				8d.	4h.	42m.	P.M.	8d.	3h.	42m.	P.M.
FIRST QUARTER.....				15d.	8h.	51m.	A.M.	15d.	7h.	51m.	A.M.
FULL MOON.....				22d.	7h.	15m.	P.M.	22d.	6h.	15m.	P.M.
LAST QUARTER.....				30d.	11h.	40m.	P.M.	30d.	10h.	40m.	P.M.

1915											
LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.	
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.
1	FR.	5 55	10 51	4 27		5 55	10 57	1 25		5 54	11 4
2	SA.	5 42	11 55	5 25		5 42	morn	2 23		5 44	morn
3	S	5 57	morn	6 25		5 57	0 0	3 22		5 56	0 6
4	MO.	5 38	1 1	7 22		5 39	1 5	4 19		5 40	1 10
5	TU.	6 0	2 10	8 16		5 59	2 13	5 13		5 58	2 16
6	WE.	5 35	3 20	9 5		5 36	3 21	6 3		5 37	3 24
7	TH.	6 2	4 31	9 52		6 1	4 31	6 50		6 0	4 32
8	FR.	5 32	5 43	10 37		5 33	5 42	7 32		5 34	5 41
9	SA.	6 4	sets	11 19		6 3	sets	8 14		6 2	sets
10	S	5 28	6 6	.....		5 29	6 11	9 1		5 31	6 17
11	MO.	6 6	6 47	0 27		6 5	6 53	9 50		6 4	7 0
12	TU.	5 25	7 39	1 19		5 26	7 46	10 42		5 28	7 54
13	WE.	6 9	8 42	2 14		6 7	8 49	11 38		6 6	8 57
14	TH.	5 22	9 53	3 13		5 23	9 59	0 11		5 25	10 6
15	FR.	6 11	11 7	4 16		6 10	11 12	1 15		6 8	11 18
16	SA.	5 18	morn	5 23		5 20	morn	2 21		5 22	morn
17	S	6 13	0 21	6 29		6 12	0 25	3 26		6 10	0 30
18	MO.	5 15	1 33	7 28		5 17	1 35	4 25		5 19	1 39
19	TU.	6 16	2 42	8 21		6 14	2 43	5 17		6 12	2 45
20	WE.	5 12	3 50	9 7		5 14	3 50	6 5		5 16	3 51
21	TH.	6 18	4 56	9 50		6 16	4 54	6 48		6 14	4 54
22	FR.	5 9	6 1	10 33		5 11	5 58	7 29		5 14	5 56
23	SA.	6 21	rises	11 11		6 18	rises	8 5		6 16	rises
24	S	5 6	5 33	11 49		5 9	5 38	8 46		5 11	5 45
25	MO.	6 23	6 9	0 9		6 20	6 15	9 28		6 18	6 23
26	TU.	5 3	6 51	0 51		5 6	6 58	10 10		5 8	7 6
27	WE.	6 25	7 42	1 35		6 23	7 49	10 51		6 20	7 57
28	TH.	5 0	8 40	2 20		5 4	8 46	11 39		5 6	8 54
29	FR.	6 28	9 42	3 7		6 25	9 47	0 4		6 22	9 54
30	SA.	4 58	10 46	3 56		5 0	10 50	0 55		5 4	10 56
31	S	6 30	11 52	4 49		6 27	11 55	1 47		6 25	morn



NOVEMBER

MOON'S PHASES. (In Standard Time).				EASTERN DIVISION.				CENTRAL DIVISION.			
NEW MOON.....				7d.	2h.	52m.	A.M.	7d.	1h.	52m.	A.M.
FIRST QUARTER.....				13d.	6h.	3m.	P.M.	13d.	5h.	3m.	P.M.
FULL MOON.....				21d.	0h.	36m.	P.M.	21d.	11h.	36m.	A.M.
LAST QUARTER.....				29d.	5h.	10m.	P.M.	29d.	4h.	10m.	P.M.

1915											
LATITUDE OF BOSTON AND CHICAGO.				LATITUDE OF NEW YORK AND PHILADELPHIA.				LAT. OF WASH. CIN. & ST. LOUIS.			
D. of M.	Day of W'k.	Local Mean Time.		Boston Tide.	Morning.	Local Mean Time.		N. Y. Tide.	Morning.	Local Mean Time.	
		SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.			SUN R. & S.	MOON R. & S.
1	MO.	6 32	morn	5 43		6 28	morn	2 41		6 26	0 0
2	TU.	4 54	0 59	6 38		4 57	1 1	3 35		5 0	1 4
3	WE.	6 34	2 7	7 32		6 31	2 8	4 28		6 28	2 9
4	TH.	4 51	3 18	8 24		4 55	3 17	5 21		4 58	3 17
5	FR.	6 36	4 33	9 15		6 33	4 30	6 13		6 30	4 30
6	SA.	4 49	5 50	10 6		4 52	5 46	7 3		4 56	5 44
7	S	6 40	sets	10 57		6 36	sets	7 52		6 32	sets
8	MO.	4 47	5 27	11 48		4 50	5 33	8 43		4 54	5 41
9	TU.	6 42	6 28	0 15		6 38	6 35	9 41		6 35	6 43
10	WE.	4 44	7 39	1 12		4 48	7 45	10 36		4 52	7 53
11	TH.	6 44	8 55	2 10		6 41	9 0	11 33		6 37	9 7
12	FR.	4 42	10 11	3 5		4 46	10 15	0 3		4 50	10 20
13	SA.	6 46	11 25	4 3		6 43	11 28	1 2		6 39	11 32
14	S	4 40	morn	5 1		4 44	morn	1 59		4 48	morn
15	MO.	6 49	0 35	5 57		6 45	0 36	2 55		6 41	0 39
16	TU.	4 39	1 42	6 51		4 43	1 42	3 48		4 47	1 43
17	WE.	6 52	2 47	7 42		6 48	2 46	4 38		6 43	2 46
18	TH.	4 37	3 52	8 31		4 41	3 50	5 28		4 45	3 48
19	FR.	6 54	4 57	9 15		6 50	4 53	6 13		6 46	4 50
20	SA.	4 35	6 2	10 0		4 40	5 57	6 58		4 44	5 52
21	S	6 56	rises	10 44		6 52	rises	7 39		6 48	rises
22	MO.	4 34	4 50	11 25		4 38	4 56	8 20		4 43	5 4
23	TU.	6 59	5 38	.....		6 55	5 45	9 6		6 50	5 53
24	WE.	4 33	6 33	0 30		4 37	6 39	9 50		4 42	6 47
25	TH.	7 1	7 33	1 14		6 57	7 39	10 31		6 52	7 46
26	FR.	4 31	8 36	1 57		4 37	8 41	11 13		4 41	8 47
27	SA.	7 4	9 40	2 40		6 59	9 43	11 59		6 54	9 48
28	S	4 31	10 44	3 24		4 36	10 46	0 22		4 40	10 50
29	MO.	7 6	11 50	4 9		7 1	11 51	1 8		6 56	11 53
30	TU.	4 30	morn	4 59		4 35	morn	1 57		4 39	morn



DECEMBER

MOON'S PHASES. (In Standard Time.)

NEW MOON
FIRST QUARTER
FULL MOON
LAST QUARTER

EASTERN DIVISION.

6d. 1h. 4m. P.M.
13d. 6h. 38m. A.M.
21d. 7h. 52m. A.M.
29d. 7h. 59m. A.M.

CENTRAL DIVISION.

6d. 0h. 4m. P.M.
13d. 5h. 38m. A.M.
21d. 6h. 52m. P.M.
29d. 6h. 59m. P.M.

1915

LATITUDE OF BOSTON AND CHICAGO.

D. of M.	Day of W'k.	SUN R. & S.	MOON R. & S.	Local Mean Time.	Boston Tide.
1	WE.	r7 8	0 58	5 51	r7 3
2	TH.	s4 29	2 8	6 46	s4 34
3	FR.	r7 10	3 22	7 44	r7 5
4	SA.	s4 28	4 40	8 42	s4 33
5	S	r7 13	6 0	9 41	r7 7
6	MO.	s4 28	sets	10 42	s4 33
7	TU.	r7 15	5 14	11 39	r7 9
8	WE.	s4 28	6 32	0 6	s4 33
9	TH.	r7 17	7 52	1 3	r7 11
10	FR.	s4 28	9 10	1 57	s4 33
11	SA.	r7 18	10 23	2 46	r7 13
12	S	s4 28	11 32	3 35	s4 33
13	MO.	r7 20	morn	4 25	r7 15
14	TU.	s4 28	0 39	5 16	s4 33
15	WE.	r7 22	1 45	6 8	r7 16
16	TH.	s4 29	2 50	7 0	s4 34
17	FR.	r7 23	3 54	7 52	r7 18
18	SA.	s4 29	4 57	8 43	s4 34
19	S	r7 25	5 58	9 33	r7 19
20	MO.	s4 30	6 56	10 21	s4 35
21	TU.	r7 26	rises	11 7	r7 20
22	WE.	s4 31	5 26	11 49	s4 36
23	TH.	r7 27	6 28	0 10	r7 21
24	FR.	s4 32	7 31	0 51	s4 37
25	SA.	r7 27	8 36	1 31	r7 22
26	S	s4 33	9 41	2 11	s4 38
27	MO.	r7 28	10 46	2 50	r7 23
28	TU.	s4 34	11 53	3 31	s4 40
29	WE.	r7 29	morn	4 16	r7 24
30	TH.	s4 36	1 2	5 8	s4 41
31	FR.	r7 29	2 15	6 8	r7 24

LATITUDE OF NEW YORK AND PHILADELPHIA.

D. of M.	Day of W'k.	SUN R. & S.	MOON R. & S.	Local Mean Time.	N. Y. Tide.
1	WE.	r7 3	0 58	2 49	r6 58
2	TH.	s4 34	2 6	3 43	s4 39
3	FR.	r7 5	3 19	4 40	r6 59
4	SA.	s4 33	4 35	5 39	s4 38
5	S	r7 7	5 54	6 40	r7 1
6	MO.	s4 33	sets	7 36	s4 38
7	TU.	r7 9	5 21	8 34	r7 3
8	WE.	s4 33	6 38	9 34	s4 38
9	TH.	r7 11	7 57	10 26	r7 5
10	FR.	s4 33	9 13	11 17	s4 38
11	SA.	r7 13	10 25	.....	r7 7
12	S	s4 33	11 33	0 34	s4 38
13	MO.	r7 15	morn	1 24	r7 8
14	TU.	s4 33	0 38	2 14	s4 39
15	WE.	r7 16	1 43	3 6	r7 10
16	TH.	s4 34	2 47	3 57	s4 39
17	FR.	r7 18	3 50	4 49	r7 11
18	SA.	s4 34	4 52	5 41	s4 40
19	S	r7 19	5 52	6 31	r7 13
20	MO.	s4 35	6 49	7 18	s4 41
21	TU.	r7 20	rises	8 0	r7 15
22	WE.	s4 36	5 32	8 46	s4 42
23	TH.	r7 21	6 33	9 29	r7 16
24	FR.	s4 37	7 35	10 8	s4 43
25	SA.	r7 22	8 39	10 45	r7 17
26	S	s4 38	9 43	11 25	s4 44
27	MO.	r7 23	10 47	.....	r7 17
28	TU.	s4 40	11 52	0 29	s4 45
29	WE.	r7 24	morn	1 15	r7 18
30	TH.	s4 41	1 0	2 7	s4 46
31	FR.	r7 24	2 11	3 5	r7 19

LAT. OF WASH. CIN. & ST. LOUIS.

D. of M.	Day of W'k.	SUN R. & S.	MOON R. & S.	Local Mean Time.
1	WE.	r6 58	0 59	2 49
2	TH.	s4 39	2 6	3 43
3	FR.	r6 59	3 17	4 40
4	SA.	s4 38	4 31	5 39
5	S	r7 1	5 49	6 40
6	MO.	s4 38	sets	7 36
7	TU.	r7 3	5 28	8 34
8	WE.	s4 38	6 45	9 34
9	TH.	r7 5	8 2	10 26
10	FR.	s4 38	9 18	11 17
11	SA.	r7 7	10 28	.....
12	S	s4 38	11 34	0 34
13	MO.	r7 8	morn	1 24
14	TU.	s4 39	0 38	2 14
15	WE.	r7 10	1 42	3 6
16	TH.	s4 39	2 44	3 57
17	FR.	r7 11	3 45	4 49
18	SA.	s4 40	4 46	5 41
19	S	r7 13	5 45	6 31
20	MO.	s4 41	6 42	7 18
21	TU.	r7 15	rises	8 0
22	WE.	s4 42	5 39	8 46
23	TH.	r7 16	6 39	9 29
24	FR.	s4 43	7 40	10 8
25	SA.	r7 17	8 43	10 45
26	S	s4 44	9 45	11 25
27	MO.	r7 17	10 48	.....
28	TU.	s4 45	11 52	0 29
29	WE.	r7 18	morn	1 15
30	TH.	s4 46	0 58	2 7
31	FR.	r7 19	2 8	3 5

Cambridge - Boston

2

Ther

Friday, Jan. 1, 1915

Wea
Dull

Light cloudy with large, feathery snow-flakes falling ceaselessly yet so sparingly that one could see afar off through their whirling flurries and the snow had "made" scarcely more than an inch by sunset when it ceased. There was little wind. Air mild but raw.

In the Garden noted no birds, save a few Sparrows, before nightfall when Percy called me out to see a Screech Owl perched on a low, drooping branch of an big catalpa directly over the walk leading past the Museum. I walked under the bird and could almost reach it with my hand before it first bobbed its head & then flew away. It was in gray plumage.

Devoted most of day to letter writing. Also revised a few type-copied sheets of M.S. Went in town at 7.30. To hear Thayer's talk on Granada & Trinidad. It was most interesting & also very humorous. Came out with Fernald.

Cambridge

Ther

Saturday, Jan. 2, 1915

Wea
Dull

Cloudy and chilly with snow
flurries every now & then.

In the Garden: heard Blue jays &
saw a few House Sparrows.

Worked all day on Banded Woodpecker
story, compiling from matter published
in the "Osprey". Although this should
have been an easy task I made
wretched progress at it and
indeed wrote no more than
a page or two in the course of
five or six hours, being in the
"doldrums" again, as badly as
ever it is to be feared. "Tiny Tim",
the terrier, lay beside me on
the couch most of the time.
The poor little chap has little
opportunity for congenial recreation
these short winter days but is
cheerful & contented nevertheless.

We had Victrola music & reading
from Marian Crawford in hall this eve.

Cambridge

Ther

Sunday, Jan. 3, 1915

Wea
Fine

Clear & seasonably cold with dry,
frosty air and light northerly wind.
Excellent sleighing but few sleight out
to take advantage of it.

In Garden: a solitary Chickadee (not
noted before since Dec. 4), several
House Sparrows, a Jay (heard), a Downy
(seen on wing), 2 Crows (perched in juniper)

To St. John at 10.30. Dr. Hodges
preached one of his most admirable
sermons. C. remained for Communion
& I walked home alone. Walked
down with Mr. & Mrs. Carruth.

We had Miss Allyn and George & Mary
Dean as guests at dinner. I played
the Victrola for them afterward for
more than an hour. Wrote letters
& revised M.S. 9.15-10.15 A.M.,
12.20-1.20 & 4.5.30 P.M.

Batchy called at 5.40 with draft of
memorial he had written to read at
Delaware Valley Orn. Club 25th Ann. meeting
on Jan 7th & suggested several slight changes

Cambridge.

Ther
10°

Monday, Jan. 4, 1915

Wea
Fine

Clear and cold with little or no wind.

In Garden: a few House Sparrows. Walter Deane saw a Starling this morning perched in a elm in front of Joseph Harper's place, Brattle Street. A woman who was looking at it through an opera glass knew what it was and said she had seen two or three others like it in Longfellow Park, of late.

Spent forenoon in Museum working on Banded-backed Woodpecker story & finishing it or nearly so. C. type copied all I had written since Thursday.

Miss ... of Concord called by appointment at 2 P.M. to protest against recent suspension by Sargent of her niece a pupil in Brewster Academy. I wrote him about it after she left. Ballou came in 7.45 to show me Memorial - very well done. Nuttall Club meeting 8-11. Lyman Underwood gave a talk on Yellowstone Park illustrated by the most beautiful slides I have ever seen. It was otherwise most interesting.

Cambridge.

Ther

Tuesday, Jan. 5, 1915

Wea
Fine

Clear and somewhat less cold than yesterday with scarce any wind. The snow showed no signs of melting early when down in high noon. It still remains attractively pure & spotted within our grounds and also on Brattle Street as far up and down as one can see from the house.

A Flicker in elm over driveway, carting & calling, as I was dressing about 8 A.M. Several House Sparrows flitting hither & thither amid our shrubbery later in the day.

Got to work at my writing about 10.30 A.M. After adding a brief closing paragraph to Horn-Toad Woodpecker story I laid it aside as finished and began on the Sapsucker article composing something over 2 ft. of introductory matter before 6.30 P.M.

Gilbert went in town for fresh Victrola music. We tried upwards of a dozen new records this evening & rejected only four. Found at least 2 real gems among them.

Cambridge

Ther Wednesday, Jan. 6, 1915 Wea
40° Fair

Partly sunny, partly overcast, with clouds gathering more densely & temperature rising steadily as the day advanced. By noon the streets were deep in slush and before night most of the snow had disappeared but the underlying coating of ice remained unmelting.

Heard a Flicker, a Downy & one or two Jays, in the Garden. Gray Squirrels out again in some numbers. "Jim" kept teasing and taunting at them whenever he was permitted to pass through the jungle where they mostly were.

Spent day in Museum working on Sapsucker story. Rewrote the matter completed yesterday and added somewhat to it. It started well enough but somehow could not be kept going. Agents of Manhattan Market called. I subscribed for 100 more shares of Preferred 7% stock at par - \$10. Victoria music 7.30-9. Reading Club. Boring Father lunch with me. S. H. in evening.

Cambridge

Ther Thursday, Jan. 7, 1915 Wea
40°, 60° Fine

Rain fell last night to a depth of 2/3 of an inch, according to the newspapers. I did not wholly cease until 8 A.M. when the clouds broke away. Day sunny, calm and very warm for mid-winter. Snow & ice almost wholly gone by night, exposing lawns still rather green.

In Garden: Two Jays screaming & two Flickers calling (9 A.M.). One of latter in Parkman's apple tree (loaded with fruit). Downy Woodpecker heard. Gray Squirrels out in force: Saw one in top of Hawthorn eating haws. I doubt if Squirrels care for them before they have been softened by freezing & thawing.

Spent day in Museum working on Sapsucker story. Had but four pages for C. a copy in forenoon & wrote only two more after words. It does not interest me much and hence is doubtly different. Victoria music followed by reading this eve. 5-fest record brought out by Gilbert, all pleasing and

Cambridge

Ther

Friday, Jan. 8, 1915

Wea
- Fine

Clear and enough colder to freeze up all the mud & slush yet not sufficiently so to be uncomfortable.

In Garden: heard a Flicker & a Downy; saw a Jay & many House Sparrows; also 2 Crows.

Our house bulbs were planted very late this year and hence are far behind their usual time of blooming. As yet we have had only paper whites & Roman hyacinths. They began a day or two after Christmas and are still very attractive.

Spent day in Museum working on Sapsucker story. Finished over the two pp. completed yesterday, revising and rewriting them without adding much new matter. Yet I kept at it ceaselessly from 10.30 a.m. to 6 P.m. with only an hour out for lunch.

We all dined with the Cobb-Fillers at 6.30 & spent the evening there.

Cambridge

Ther

Saturday, Jan. 9, 1915

Wea
- Fine

Death of Carry Hayes.

Brilliantly clear with almost no wind. Air dry & frosty but not especially cold. Altogether a delightful winter day.

In Garden: A Chickadee (heard), B. Jays together in jungle, Flicker in Parkman apple, Downy (heard), House Sparrows as usual.

News reached us at breakfast time of my old friend Carry Hayes's death, last evening, of apoplexy. I sent a note of sympathy to her brother, Will, early in the forenoon. Worked from 11 a.m. to 1 P.m. on Sapsucker story rewriting a page (for third time) & adding a little fresh matter. It drags woefully and the end is not yet in sight yet I love the work as much as ever.

Fixed Humboldt came by appointment shortly after 2 P.m. & stayed about 2 hours.

He brought M.S. he had written on food plants that attract birds. Walter also came to hear it read. He criticized it a little, here & there.

Allen & Harry Baether dropped in at 8.20. I played Victrola music for them.

Cambridge.

Ther
204

Sunday, Jan. 10, 1915

Wea
in

Brilliantly clear and colder, with calm, dry air and every thing frozen stiff again. Thus far the winter has been uncommonly windless - and hence enjoyable out of doors.

In Garden: saw a Flicker & heard
a Jay. Only a few Sparrows.

To. Se. John's at usual time.
Excellent sermon on Baptism by
Dr. Hodges. Walked down with
Loring Fuller. Co. & I returned with her.
After that wrote letters in Museum
until 1.20. We had at dinner,
besides Alice Allen, Miss Mary Bishop,
Miss Mary Allen and little Emily
Hayward. As they are all violinists too
I played many records for them after
dinner not ceasing until 4.15. After
that wrote more letters. Co's friend,
Will Hayward arrived at 4.45 to talk
with Co & spend evening, - He, too, desired
violin music and heard many records.

Cambridge - Boston.

Ther
120

Monday, Jan. 11, 1915

Wea
Duff

Funeral of Carry Hayes.

A clear sunrise, with everything then coated with white hoar frost which somehow disappeared not long afterwards without apparently melting. Most of day cloudy & intensely chilly, threatening snow.

In Garden: Jay & Flicker (♂). Several H. Sparrows.

Cable message from Geo. Jefferson to inform us that Bessy had a slight shock of apoplexy on Thursday last. G. received & read it about 9.30. and yet almost immediately afterwards came out to Museum and put in forenoon then & the copying Saptulsten story. I meanwhile added about 2 pp. to it, thus doing a little better than usual. Immediately after luncheon I started in town to see the Halperns at our office. Had upwards of an hour with them. They started south by Federal Ex. at 5. I went from office to Victor & Columbia st. for news records. Home by 6 to learn that Saton would sup with us. He arrived at 6.15. At 8 we motored to Harvard Union where he talked for an hour about Indians to a spell-bound audience of about 450 students. It was exceedingly well done I thought.

Cambridge.

Ther

Tuesday, Jan. 12, 1915

Wea
Stormy

Raining very heavily all day long and well into following night. Pools & rivulets everywhere, city gutters running brimfull or over. Altogether the biggest rainfall for many a week.

In Garden: No birds seen or heard.

Spent entire day in Museum working on Sapsucker story. Revised type-copied pp. in A.M. Composed something on a page of fresh matter in P.M. So it drags - or is dragged - along at snail's pace and not good for much, any way, I fear me.

Sally Dearborn lunched with us and I played Victrola music to her afternoon. Some new records came by last mail delivery & we tried them this evening. I shall keep 4 & return same number. Two of former by Guss & Homer, very good - also one by Humble.

Cambridge.

Ther

Wednesday, Jan. 13, 1915

Wea
Stormy

Ground again covered with snow, to depth of 4 or 5 inches. It came mostly after daybreak this morning, as a wind-up of the terrific north-east storm that raged all last night reaching its maximum of wind force & water precipitation about midnight when I was awoken by the howling of the gale about our house. The papers report wind blowing 70 miles an hour along the Mass. coast and rainfall of more than 2 inches within past 24 hours in and about Boston. Altogether the heaviest coastwise storm they say, for many a year.

In Garden: a Jay & a Flicker heard.

Worked with Sapsucker story all day long but advanced it some more than a single page. The added matter reads dreadfully enough.

I also brought out a lot more Victor records. We played about a dozen this evening & found several acceptable.

Cambridge - Boston

Ther

Thursday, Jan. 14, 1915

Wea
Fair

Thin cloudy with mild but chilly
air & little or no wind.

Noticed no birds about the place.

In A.M. worked on Sapsucker
Story revising the pages before,
as well as after, C. type-copied
them. Added only a single M.S.
page of freshly-composed matter.

To Harvard Square at 2 P.M.
Had hair cut at Marks & tried on
new gray suit at Coöperatives.
Took 2 Curtis (Indian) photographs to
Harlow's to be framed. Then to
Boston, reaching our office about 4.
Stayed there until 5.30 dictating
three letters, one to Sargent, another
to Miss Pride, the third to Mr. Thibault.
Home by 6. Miss Bishop & Miss Emily
Howard dined with us at 6.30. Mr.
Forman went to Symphony Concert with
C., the latter spent evening listening to
Victrola. I tried many new records.

Cambridge.

Ther

Friday, Jan. 15, 1915

Wea
Dull.

Darkly lowering clouds and mist-like
rain combined to make the day
a gloomy and depressing one. The
temperature must have been moderately
high for the snow-covered foot &
was nearly all gone by night.

In Garden: A Jay & a Titmouse heard.
Noticed no House Sparrows although some
must have been about.

Spent a rather profitless day on my
desk in Museum wrestling with
Sapsucker Story. The final revision
of sheets already type-written occupied
the entire forenoon. Soon after luncheon
I began to work about the Pileated
Woodpecker thinking that I had in
mind a promising opening for the
article. It did not materialize,
however, and the whole afternoon
went for naught because this waited.

Miss Mary Handels. Lunched with us.
I gave her some Victor records.
C. & S. B. S. among others. Miss B. was very

Cambridge

Ther Saturday, Jan. 16, 1915 Wea Fair

Windy, mild and overcast with more or less pale sunshine. Slighing at an end again & very little snow left anywhere.

In garden: 7 Flickers eating Parkmann apples. Probably a few House Sparrows also although I do not recall any.

Hearing last night that Edith Dana was seriously ill I called at the house shortly after breakfast this morning, seeing only young Dick who said that his mother had had a reasonably good night and was better, they thought. Dean Hodges came when I was there.

Met Harry Spelman at entrance gate. He pointed out a Starling in elm.

Spent day working on Boy Cuck. Story. Wrote almost 2 H.
"Tiny Tim" was rolled in the mud by a bigger dog while out walking with Alpha. Percy washed him. He shows no wound. Victrola played from 8-9.30 P.M.

Cambridge.

Ther Sunday, Jan. 17, 1915 Wea Dull

Dark cloudy with light rain falling in afternoon & evening. Chilly, with E. wind.

In Garden: 2 Jays flitting through trees in jungle: 8 or 10 House Sparrows in lilacs; Downy heard.

Immediately after breakfast I walked down to the Danas' where I saw Dick and his daughter Frances. Mrs. Dana had passed a comfortable night & was decidedly better. I saw 2 Starlings in the elm in front of the Thorpes & pointed them out to Dick. One of them was singing softly at times.

Having many letters to write I did not go to church but returned to Museum & dealt with some of the more important ones before dinner. We had as guests - besides Miss Allyn - Mr. Bennett & Joe & Mrs. Russell. All remained until 4 P.M. when the Russells & Miss Allyn left. After that I played the Victrola for Mrs. D. We had more of the music this eve.

Cambridge.

Ther Monday, Jan. 18, 1915 Wea
Black Ducks feeding on hillside. Stormy

Dark. Cloudy with persistent rain rather heavy at times. Early morning densely foggy. Mild. Easterly wind.

To the Danas' at 9 a.m. Saw only a maid who reported further improvement in Mrs. Dana's condition. A Starling in the Thorpe elm. Brattle Street gutters running brim-full. Snow about all gone.

Spent day in Museum working on 'Big Coal Story'. Composed about two pages of fresh matter. C. type copied these & everything else, in forenoon. I cannot now supply enough M.S. to keep her busy twice a week from 9.30 to 1 each day.

Nuttall Club meeting this evening. Peter talked about trip in Arizona. Charlie Lamb reported seeing 21 Black Ducks yesterday on wooded hillside, W. side Brookline House, Tench Pond. He worked there feeding on ground under walls & felt sure they were feeding on ground.

Cambridge.

Ther Tuesday, Jan. 19, 1915 Wea
56° James C. Melvin's death. Dull

Cloudy; very warm; fresh southerly wind. Snow & ice wholly gone. Lawn grass decidedly, if only faintly green.

In Garden: Jay & Downy heard. Several H. Sparrows. Starling singing softly in elm front of Thorpe's.

To the Danas' at 9 a.m. Mrs. Dana steadily improving, the maid said. Returning to Museum read war news & had begun to write when C. came out to tell me that Jim Melvin was dead. She had just heard of it by telephone from Frank Baker who, a few moments later in the same way, told me this: - It happened at Copley Square Hotel about 7 o'clock this morning as Mrs. M. was dressing. Hearing the sound of a heavy fall she rushed into the bed chamber to find Jim lifeless on floor by side of bed in which she had left him asleep & seemingly quite well only a few minutes before. He had slept through most of night. Baker was with him last evening & never knew in better seeming health & spirits. I saw him last just before Christmas. He died of heart failure. C. & I offered to go in after lunch but Baker said Mrs. M. could not do so. I wrote to Dan, Ruth D., Charles Conant & Mary about. Also worked on Big Coal Story at odd times.

Cambridge - Boston.

Ther Wednesday, Jan. 20, 1915 Wea
Fair

Partly sunny, largely cloudy. Light
westerly wind. Cooler, the grounds
frosty & snow drifted, in early morn

In garden heard a Jay & a Downy.
Working in Am over Willard Street.
It is full of Gulls off Mr. Bee. bridge, at
least 3 adult & many birds among them

C & I went in town about 12.30. A.
Dine by motor, I in street cars.
We met at Copley Square Hotel &
there found Mrs. Melvin in her parlor.
Francis Baker & their younger son, also
there. We stayed about 20 minutes.
Mrs. M. asked me if I wished to see
John but I declined. Home by 11.30.
Wrote several letters. With C. & E. K. S.
went down to Springfield Chamber
at 12.30 to lunch with their sister
Dr. & Miss Sam. & their son. The day was
very enjoyable, especially dinner. Found
them all very kind & interesting.
Called on the George Thompson

Cambridge - Boston - Concord.

Ther Thursday, Jan. 21, 1915 Wea
Perfect

Brilliantly clear & perfectly windless,
with a frosty tang in the dry air.

In Garden: heard a Jay & a Downy.

Wrote letters after breakfast. To Boston
at 11. by subway. C. went in Ford car.
We met at 11.30 opposite Loring Hotel. I
then hurried to Galvin's & bought a dozen
each of white & red Killarney roses. These
were taken at church by Arthur Robbins &
at once added to a mound of choir flowers
that filled the space in front of pulpit to height
of 7 or 8 feet & width of tower that.

After organ had played a sweet low dirge for
about 15 minutes the services began. Dr. Cummings
read customary selections and spoke feelingly
and most impressively of Jim's useful life,
fine character, high ideals & worthy benefactions
of various kinds. The choir sang only once but
that at considerable length rendering with
rare perfection exquisite verses written by Harriet
Becher Stone. The casket was open & Jim's head
so raised that I could see him from all parts of
church. His face was a beautifully calm &
serene expression & showed none of the chattering
pale mask to the dead. It was difficult to
realize that the soul had fled. C. & I lunched at
North Station & took 1.29 train to Concord.
Funeral service on grass under way before we
reached Sleepy Hollow. About 50 people there. A
pale mid-morning sunlight shining down on
cloudless sky. No sounds to break perfect stillness
save voices of Dr. Cummings & Grand Army men who
spoke of Jim's service to his country.

Sparrans Harale flustered from ground under willows near Concord station.

It is blizzard
over the mountains
which is making
rain
combustible

Some
birds
were
seen

Cambridge - Boston

Ther
18°

Friday, Jan. 22, 1915

Wea
Fine

Clear & cold with light westerly wind. Ground hard frozen. River open.

In Garden: a Jay & several Sparrows.

Met H. E. Sargent in our Boston office at 10.40, by appointment. We had a satisfactory talk about the school. He had come down to look for a teacher to replace Miss Eaton. Two candidates appeared about 11.

One German born (in Berlin) but now an American citizen impressed us both very favorably & Sargent finally engaged him to teach English & German. Much as I am now prejudiced against all Germans I liked this one and believe he will turn out well.

Answered a letter from Jay Colwell making enquiry about my 1914 income tax. Dined at Monahan's. Left office for home at 3.30. Stopped on Steinerts to return a book & took out several more which we played this evening. Only one (a calf) found good.

Cambridge

Ther

Saturday, Jan. 23, 1915

Wea
Stormy

Snowing fast at 8 a.m., when about an inch had fallen. It turned to rain soon after this, freezing as it struck and making very slippery walking. But as the day wore on never ceasing rain and somewhat higher temperatures combined to banish ice as well as snow.

In Garden: a Blue Jay screaming.

Worked all day on bog Cock story composing rather more than a page of fresh matter. Little Tim close by me on the couch all the forenoon, keeping as still as a mouse. He rarely does anything to disturb me during my customary working hours but seems to know almost to the minute when they should end and after that will give me no peace until I start south him for the home. We had a little Bickola music this evening.

Cambridge.

Ther

Sunday, Jan. 24, 1915

Wea
Fair

Light cloudy and intensely chilly
with easterly wind.

In Garden: heard a Jay, a Flicker
and a Downy; several House Sparrows
seen.

A ♂ Starling in elm over Brattle St.
in front of Mrs. Thorpe's, whistling
softly.

Wrote letters before & after attending
church with C. at St. John's where we
listened to fine sermon by Dr. Hodges.
At dinner we had no guest other
than Miss Allyn. She departed about
3 P.M., Dick Dana came at 3.15
staying half an hour. Kennard
came by appointment at 3.45
to consult me further concerning
his list of food plants for Baynes's
book. We talked it over until
shortly after 5 when he left.

C. went to First Parish Church at 7.30
E. R. S. read Crawford's "Prima Donna"
to me (8.30-9.30). It is a fairly
good story.

Cambridge.

Ther

Monday, Jan. 25, 1915

Wea

Death of Mrs. Edward Wyman; Dull.

Sky obscured by dark gray clouds.
Air mild but damp & chilly. Altogether
a rather dreary sort of winter day.

In Garden: a Crow Cawing and a
Jay screaming. House Sparrows to the
number of six or eight flitting about.

Spent day in Museum engaged
in the customary task. Advanced
the Bog Cork story by some three
or four pages but all this matter
was compiled from my Umbagog
note books and some of it
compositionally little changed.

E. R. S. started for Springfield by
an afternoon train. C. & I supped
together in her morning room.
She was called to the telephone about
7 P.M. to be told that Mrs. Edward Wyman
had died some five minutes before. I
saw her last on Thanksgiving day when
she dined here. Arthur Robbins called
this evening to ask me to write
something for the Transcript about John
Melvin. I had to decline.

Cambridge.

Ther

Tuesday, Jan. 26, 1915

Wea
Fair

Morning sunny, calm & beautiful with crisp, frosty air. Sky overcast by noon. Afternoon thin-cloudy with chill easterly wind.

In Garden: I saw a jay, a Downy and 2 Flickers. All these appeared about 9 a.m. The Flickers, both ♂♂, were together in Parlmann apple tree feasting on its abundant fruit. A few House Sparrows flitting about all day. Gray Squirrels much in evidence of late. I rarely took one without seeing at least one & then or four are sometimes in sight at once. Their brief season of partial hibernation is evidently ended but that of amorous pursuit not as yet apparently begun.

Worked all day on Log Cock story compiling about 4 pp. from original notes & practically rewriting most of the matter. C. & I kept each other company at every meal. In the evening she read the war news to me and I played the Victrola for her - up to 10 P.M.

Cambridge - Boston.

Ther

Wednesday, Jan. 27, 1915

Wea
Dull

Dark cloudy with snow flakes falling sparingly & fitfully, melting as they struck for it was mild, if chilly.

In Garden: a jay or two and at least one Flicker. Hordes of House Sparrow - certainly fifteen or twenty.

Working all day at Log Cock story. Added almost 5 pp. For the first time this winter - have written in two days more than enough for C. to type copy in a forenoon. This, however, is not due so much to increased facility of composition as to the fact that I have been compiling matter that required less alteration than usual.

E. R. S. returned from Springfield this afternoon. I went in town at evening to "We Dine" at Joe Goodale's. Every one there except Bert. Good time. I talked mostly with Thaxter & Townsend.

Cambridge - Boston

Ther Thursday, Jan. 28, 1915 Wea
Dull.

Cloudy, calm, mild but chilly.
Ground covered to depth of several
inches with icy snow solid enough
to make good crust walking.
Singing again but not very good.

In Garden: Two Jays close together
on plank walk leading to Museum
at 8 a.m. They were pecking up
something eagerly. I think it was
coarse sand with which the slippery
boards had recently been striven.
Later heard jays screaming & saw a
 Flicker. Lots of House Sparrows.

Saw 2 Goosanders flying over Charles Riv. opp. Sparks St.

I voted whole forenoon to usual task.

Completed about 2 p.m. Started for Boston at
1.30 P.M. & met Judge Abbott at our office
by appointment at 2. We had good talk. He
had seen Judge Dawton who told him
"he did not think he should render any
decision" concerning the Town Hall & Library
matter. He thought it should be passed on
by the Supreme Court. After Judge Abbott
left (at 3 P.M.) I sent for John Abbott &
told him about Judge Dawton's statement. He
made him very indignant. Went to Breckin
at 4.30 to see "Blosser". Home by 5.30

Cambridge.

Ther Friday, Jan. 29, 1915 Wea
Fine.

Clear & cold with light northerly
wind.

In Garden: 3 Blue jays together on
plank walk at 8 a.m., apparently
pecking up sand. 3 Flickers - ♂♂ -
together in beech near tree about
11 a.m., one of them pecking lustily
at the trunk of this tree. I notice that
they have already scarred it rather
conspicuously in places as is their odd
habit at this, but no other, season.

Shortly after breakfast I began
revising half a dozen or more sheets
of Boy Cole Story M.S. that C. copied
yesterday, expecting to finish with them
in half an hour or so. To my infinite
disgust the task absorbed all my time
and thought until 7 P.M. for much
of the matter was crudely composed &
had to be rewritten in places.

Gelbert was summoned into Court this
morning because of a complaint lodged
against him by a Boston policeman for alleged
Carriage meddling on Jan. 21. The judge fined him 10.

Cambridge.

Ther Saturday, Jan. 30, 1915 Wea
2°, 18° Fine

Clear & very cold with light northerly
wind

In Garden? - a Jay heard, half-a-dozen
or more House Sparrows seen.

Worked all day on Log Cabin story.
After again revising some of type written
matter, composed an additional page
mostly as-filled, however.

Halter Taxon came at 11 a.m.
bringing some birds from old Boston
Museum collection to compare with skins in
mine. Two Pinnated Grouse which he
thought might be Heath Hens proved to
be Prairie Chickens. A small Skua is
probably of Old World origin although
labeled "N.A." Taxon examined my
Glossy Ibis from Bos. Mus. Coll. with
critical interest.

Neighbor & tenant Brainer called this
evening to pay his rent (overdue 6 mos.)
He stayed an hour. We talked chiefly
about books & literary composition.

Cambridge.

Ther Sunday, Jan. 31, 1915 Wea
10° Stormy

Cloudy, with rising temperature and
light, continuous snow fall, from 3 to
8 p.m., making about three inches in all.

In Garden: ♂ & ♀ Downy Woodpeckers
together in Catalpa by Museum and
single Titlins in lindens, at 8 a.m.
Two Jays & a dozen or more
House Sparrows, seen later.

C. went to early service alone
getting back soon after 10 a.m.
Shortly before that I was about to
begin writing letters in Museum when,
to my surprise, Dr. & Mrs. Gehring,
with Mr. Upson, knocked at the door
& then walked in. C., it seems, had
arranged for their conveyance before she went
to church. They stayed about an hour &
I showed Upson some of my birds.
We all made a short call on Mrs.
Blackwelder. The Messrs. Jernin & Emily
Chapman, with Miss Allen, dined with
us at 1:30 & listened to Webster
music after words. Then to South Green
Crawford, then home.

Cambridge

Ther

Monday, Feb. 1, 1915

Wear
Stormy

Dark cloudy with rain or sleet falling ceaselessly. Every exposed surface of whatever kind coated with clear ice which loaded trees & shrubbery almost but not quite, as yet, to the breaking point. Altogether a most dreary & depressing winter day.

In Garden saw no birds save a few half-drowned House Sparrows.

Working on Boz Cock story still. Added but little fresh matter, being chiefly concerned with a final revision of that written last week and type copied today by C. for the second time.

Miss Balch lunched with us. I played a few Victrola records for her before returning to my desk.

Nuttall Club meeting this evening. Townsend read article on Rock Dove.

Cambridge

Ther
8°

Tuesday, Feb. 2, 1915

Wear
Stormy.

Dark cloudy and bitterly cold with easterly wind. Fine, dry snow falling more or less steadily and heavily all day long. It packed so hard that it was difficult to remove from our walks and where left untouched would almost support my weight. With what has come before the snow must now cover the ground to a depth of at least six or eight inches.

In Garden: heard a Jay screaming. Cannot remember any Sparrows.

Compiling from Umbagog notes I wrote about three M.S. pages relating to the Boz Cock, thereby almost completing what I had intended to say concerning him.

Spent evening in hall with C. & E. R. S. They read aloud & listened to Victrola. I sent \$100. to Belgian Relief Committee & also gave \$10.80 for papers & tobacco for allies at the war.

Cambridge.

Ther

Wednesday Feb. 3, 1915

Wea
Dull

Dark cloudy, cold & windy with occasional flurries of snow flakes.

In Garden: 2 Flickers (both ♂♂) eating Parkinson's apple at same time, one in tree; the other on surface of snow under its outermost twigs. Saw a solitary Crow fly over through jungle. House Sparrows seem to have deserted the place altogether as they almost always do during heavy or protracted snow storms in mid-winter.

The Log Cabin story is finished at last. After working on it all forenoon I could find no more to add so returned to Sapsucker story, which was left somewhat incomplete, and wrote a couple of pages for it in afternoon.

Spent evening in hall with C., E. R. S. & little "Jim." We had reading aloud and Victrola music, as usual.

Cambridge.

Ther
10°

Thursday, Feb. 4, 1915

Wea
Fine

Clear and cold with light northerly wind.

In Garden: heard a Jay screaming and saw a Flicker in Parkinson apple tree feasting on its ice-coated fruit. For everything out of doors is clad in icy mail and has been since Monday last. A few House Sparrows are back again in our shrubbery & looking rather disconsolate there.

Worked all day on Sapsucker story, compiling from Murphys notes and writing three or four pages of matter thus derived.

Miss Bishop dined with us and afterwards went with C. to Symphony concert in Sanders Theater. E. R. S. & I remained at home & had a Victrola concert in hall. She also read aloud from Bradford's "Pieris Damna" which is one of the novels known to many.

Cambridge.

Ther Friday, Feb. 5, 1915 Wea
Death of Mrs. John Brooks. Fine

Brilliantly clear with light westerly wind. Decidedly warmer. Snow melting freely where exposed to sunbeams and falling in crashing avalanches from house & museum roofs at intervals through afternoon. Excellent sleighing again but only a few people out in sleighs. Automobiles more handicapped than usual yet running rather numerously.

In Garden: heard two jays & saw half a dozen or more Sparrows.

Worked all day on Sapsucker story writing almost the pages of matter based on field notes but not following them very closely save in respect to essential significance.

Spent evening in hall with C. & E. R. S. We had the usual Virola concert & reading aloud of Crawford's fine story "The Prima Donna".

Cambridge.

Ther Saturday, Feb. 6, 1915 Wea
Dramatic Club. Fair.

Forenoon sunny but hazy. Afternoon cloudy. Evening foggy. Very warm. Snow melting fast. Streets & sidewalk deep in slush.

In Garden: a cawing Crow, a screaming Jay, a ♂ Flicker, a ♂ Junco eating seeds of prostrate Fenner plants, the usual number of House Sparrows.

I saw the Flicker fly into our big beech near tree about 9 a.m. where he began at once to rain vigorous blows with his bill on the upper side of a branch as thick as a 20 lb handle. Within less than five minutes he stripped off its bark for a space several inches long exposing whitish wood beneath. I failed to see that he ate anything. Some of his bill strokes were exceedingly rapid.

At dark most of day: finished Sapsucker story & began on Whippoorwill, writing 2 p. To Dramatic Club with C. This eve. "Pair of Green Stockings", a very good play. Saw Miss Almy & related with her some or less. Saw Emily with C. & Freda. Jack near us. Talked with her during intermission. Jack Dwight there with his bird. We all shook hands.

We heard this morning of death of Mrs. John Brooks last night.

Cambridge.

Ther

Sunday, Feb. 7, 1915

Wea
Fair

Partly sunny, mostly cloudy, with
light rain at evening. Very warm
Sleighing spoiled

In Garden: heard a Junco, a Jay,
a Downy and a Flicker. Lots of House
Sparrows.

Two Starlings in Thorpe elm, Braith St.

Met C. at St. John's at 10.40. Different
service by Dr. Walker. I went & returned
alone, C. remaining for Communion.

Wrote letters after getting back to Museum.

We had at dinner Miss Allyn, Alice
Stone & Louis Howe. Soon after it there
was a general exodus to Mrs Brooks's
funeral but Mrs. Stone remained &
stayed on until nearly four. I played
Victrola music which she liked much.

At 5.15 C. & I went in couple to the
Batchedens' afternoon tea for Dr. &
Mrs. J. Dwight. She is pretty, winning,
pleasant & intelligent. Met there Miss Johnson,
the Deans, the Spelmans & one or two others.
More Victrola music this evening

Cambridge.

Ther

Monday, Feb. 8, 1915

Wea

Thin cloudy calm & warm, turning
cool again towards evening. Streets
still deep in slush & gutters choked
to overflowing. No really bare ground as yet.

In Garden: saw a Junco (♂), 2 Jays
and about a dozen House Sparrows;
heard a Chickadee (last noted on
January 9.) call thrice in or near
the big Gravenstein apple tree.

Wrote two more pages on the
Whippoorwill, thereby finishing the
brief story relating to him by noon.
C. type copied almost all the M.S.

I could supply. Revised her copy
after dinner and then began on
Nighthawk story, comparing it from
field notes and writing a full page.

Knocked off work at 4.30 & went
by trolley car to Becker's greenhouse
where I bought a large aralia to give
C. to-morrow. Washed hair, shopping
in Harvard Sq. to get hair cut.

Cambridge

Ther

Tuesday, Feb. 9, 1915

Wea
Fine

Clear, calm, mild. Streets still
slippy. Cooler at night

In Garden: Two Flickers eating fruit
of Parkmann's apple, two Jays, many
House Sparrows.

~~E. and I~~ were married thirty four years
ago to-day. ~~She~~ gave me this morning,
a pink & white azalea and I her a
pure pink one. Loving Fuller brought
over some beautiful roses. She came
again at 7 P.M. to dine with us &
the Spelmans & Co. from W. Hingham.
I played the Victrola to them
afraid considerably from 8 to 10.
After their departure I did find
some news-records brought over by
Gilbert this afternoon. Several proved
rather good.

Worked all day at my desk.
Got to fussing with Whippoorwill story
again adding a page to it & doing
nothing else.

Cambridge - Boston.

Ther

Wednesday, Feb. 10, 1915

Wea
Fine.

209 (max) Grenfell Association.

Clear, calm & cold. Everything
frozen stiff again.

In Garden: Juncos (8), Chickadee (heard)

Worked on Whippoorwill story all
forenoon revising the part written
yesterday and adding another scenic
page. All this matter is in the
nature of afterthought, not originally
contemplated, I have made me a
lot of trouble but is perhaps worth
it or at least better than the rest
of the article to which it belongs.

Went in town after luncheon to
attend a meeting (4:30 - 5:30) of the
Grenfell Association at Dr. Blake's.
There were really three meetings one of
Ass., another of Directors, the third of
Corporation. I presided over latter two.
I listed officers etc. They made me one
of two Vice Presidents & Dr. Blake the other.
Spent some at Athletic Club. Home by 7.
Carroll Scott called by app. at 8. He wanted
to borrow \$300. for Tufts College dues. I
advised him to write to Arthur S. Sargent.

Cambridge.

Ther Thursday, Feb. 11, 1915 Wea
Fine

Clear & cool with light
southerly wind.

In Garden: eight or ten H. Sparrows
but nothing else that attracted
my notice.

Worked all day on Nighthawk
story. Wrote three pages, mostly
composed from journal. C.
typed & copied everything written
up in noon. I did two of way
three pages after that. . . .

Victrola playing 8-9 P.M. Fred
four new Goetz violin records
all well played but two things
that we do not care to keep
and the other three of which
I have a lot of records to-day
that I never tried to enjoy
yesterday & the day before. We
got only five or six desirable ones
out of that batch.

Cambridge.

Ther Friday, Feb. 12, 1915 Wea
Dull

Cloudy and warm with southerly
wind and light rain at nightfall.

In Garden: two very noisy jays
and a dozen or more chattering
House Sparrows.

Spent entire day in Museum,
working on Nighthawk story.
Revised the two pages written
yesterday and then composed
two more.

C. & E. R. S. at their Bee this
evening leaving me to sleep alone.
After doing so I called on
the Fairchilds spending rather
more than an hour with
them. Cousin Sally was
devoting herself to her invalid
dog, Furry, who is now unable
to make any use of his hind
legs.

Cambridge.

Ther

Saturday, Feb. 13, 1915

Wea
7 in

Clear, calm, bracingly cool air
but snow melting fast at noon.

Recent rains have given it a
highly-polished icy surface, &
slush covers the ground hereabouts to
a depth of several inches.

In Garden: a solitary Chickadee,
a gray Purple Finch in Parkman's
apple eating its tiny fruit (or seeds),
in company with 7 or 8 House Sparrows,
a Flicker, two Jays, a Crow
cawing.

Spent day at my desk, working
on Night Hawk story. Rewrote
part of it for second or third
time and then compiled three
pages from journal.

Heard this morning that Edith Dane
had been operated on for gall stones
last Thursday. Called at house this
evening but Dick was not in. Saw
his nephews & Kenneth (Hemlock's son) &
wife. Spent half an hour with them.

Cambridge.

Ther

Sunday, Feb. 14, 1915

Wea
Dull.

Cloudy, calm & mild but chilly.

In Garden: a Chickadee, a Junco (♂),
a Downy (heard), a Flicker, a Crow
(heard), 2 Jays and ten or a dozen
House Sparrows (very noisy)

A ♂ Starling in Thorpe's Elm, Brattle St.

Met C. at St. John's at 10.20.
Johnny Fuller sat with us in Mrs. Wymore's
former place. Dr. Hodges preached a
wonderful peace-war sermon in
commemoration of one hundredth
anniversary of Treaty of Utrecht. Pulpit
draped with two flags, that of
Great Britain & the United States.

We had at dinner Mr. & Mrs.
Darling, Mr. & Mrs. Galloupe and
Miss Allyn. Victoria playing most
of time from 2.30 to 4 P.M.
They all departed at 4.30. After
that I wrote letters to Museum.
More Victoria & some reading, after
supper.

Cambridge.

Ther

Monday, Feb. 15, 1915

Wea
Dull

Dark cloudy, calm & mild but chilly with heavy rain at nightfall & later. Snow & ice melting rapidly.

In Garden: a Purple Finch & two Flickers eating fruit of Partridge apples, Two screaming Jays, a Downy, a Crow & half a dozen House Sparrows.

Spent day in Museum working on Nighthawk story and adding thin pages to it. C. type copying in in forenoon. I had expected to go in town after luncheon but word came from our office that Galloupe was ill in bed at home so I gave it up.

Natural Club meeting this evening. Good attendance because of expected talk on Game Laws changes by Dr. Tild. He was unable to be present, however, so I filled the gap by reading the Boy Cuck story from Underdog Birds. It seemed to interest everyone.

Cambridge.

Ther

Tuesday, Feb. 16, 1915

Wea
Dull.

Dark cloudy, calm and mild. Rain fell heavily through the greater part of last night. It took off practically all the snow and faded green grass has reappeared over much of our lawn although there are still considerable areas of ice there.

In Garden: a Chickadee & two Golden-crowned Kinglets flitting about in lilacs at 9 a.m. Also saw a Flicker in Partridge's apple & heard Jays screaming. A few House Sparrows.

Worked all day on introductory matter to Nighthawk story. It proved difficult & I wrote only a single page. Also revised type copied pages written by C. yesterday.

Mary Grenough arrived this afternoon for a short visit. She enjoys Victrola music so we had it from 8.30 to 10 P.M.

Cambridge.

Ther Wednesday, Feb. 17, 1915 Wea
fine.

Sunny but hazy. Calm & mild.

In Garden: a Chickadee, a
Juncy, a Flicker, 2 Jays and
a few House Sparrows.

Wrestled all day long with
the introductory part of
Nighthawk Story, advancing it
by no more than a single
page which, however, completes
the entire article, I believe,
although some afterthoughts
may have to be added later
and more or less revision
is inevitable. Thus far C.
had typed over seventy full
pages written by me. This
works an average of about
one daily - including Sundays.

Miss Swoony lunched with us.
We had the usual Victrola
concert in the evening.

Cambridge.

Ther Thursday, Feb. 18, 1915 Wea
18°, 28° fine.

Brilliantly clear & rather cold
with light northerly wind.

In garden: two Jays, two Flickers,
a Crow (heard) & several House
Sparrows.

C. type copied all the remaining
m.s. of Nighthawk Story and
also three pages relating to the
Chimney Swift which I wrote
before luncheon. Added about
two more before night although
pleasantly interrupted by a
call from Smith Dexter who
stayed about an hour.

John E. & Mrs. Thayer arrived
at 7 (exactly on the minute)
to dine with us. They proved
to be Victrola lovers so I
kept the records going most
of the time up to 10 o'clock
when they departed.

Cambridge - Boston

Ther Friday, Feb. 19, 1915 Wea
Brewster Club Dinner Fine

Clear, cool, dead calm. Ice
melting a little on sunny slopes

In Garden: Crows cawing at sunrise.
7 from Museum windows 7-9.20 a.m.
Saw in Parkman's apple tree Flickers
(♂♀), and just beneath it two Juncos
(♂♂) and two Purple Finches in gray
plumage hopping about on the ground.
Both Flickers descended to a presently
and remained there long making swift
Robin-like runs & pecking at things.
Three Downy Woodpeckers (♂♀♀),
meanwhile, were flitting through trees
just beyond & a Jay was also there.
Saw only 2 or 3 House Sparrows.

Spent day in Museum working
on introductory part of Chimney Swift
story & writing about a page.

Went in town at 7.30 to attend
Brewster Club dinner at Hotel Oxford.
Over 60 members present among them
Sergeant Mappett & Miss Hearter. She spoke &
sang well. I sang nothing.

Cambridge - Boston.

Ther Saturday, Feb. 20, 1915 Wea
Perfect.

Brilliantly clear, almost windless,
cool yet not chilly. Altogether a
delightful & even Spring-like day.

In Garden: a Flicker, 2 noisy
Jays, several House Sparrows. Crows
cawing at sunrise.

Worked on Chimney Swift story
for two hours after breakfast and
two more before supper. Went
in town at 11.30 reaching our
office about 12. Signed a
lot of Estate cheques & went
out for an oyster steam at Mauston's
at 1, returning at 1.15. After
this tackled our Estate income
tax return with which Galloupe
has been wrestling for two weeks
or more. He explained all the
details of it made up and I
finally signed it. Left office at 2.
Walked to Fitts & bought 3 pairs
of shoes there. Home by 4.30.
Played Victrola to S., E. R. S. & Mary G.
from 8 to 10 P.M.

Cambridge.

Ther

Sunday, Feb. 21, 1915

Wea
Perfect.

Clear, calm, mild, yet a trifle chilly with a breath of E. wind now & then but a spring like quality to the air.

Garden birds: - Two gray Purple Finches in Parkman's apple 9.30 a.m., One of them warbling so low. Equally subdued, still more musical & very much more varied notes. Came at same time from a Jay in pine beyond. He kept it up ceaselessly for a minute or two & then repeated this. Some of his notes very liquid & all pleasing. One seemed to be imitation of Flicker's year-note. There was another Jay & a Flicker & a Downy. At least a dozen House Sparrows, one pair entering hole in apple tree.

Mary G. & I walked to St. Johns & met C. there. Sermon by Englishman, on "Mr. Washington" chiefly & very good, we thought. Returning called at the Danes, Saw two of sons, Dick & Harry (?). Their mother still in hospital, recovering slowly. Home by 12.30. Visited Alice. Geo. & Mary Deane, Lucy Dexter, Miss Allen & Harry Bartlett dined with us. Mr. & Mrs. Will Jeffries & daughter called at 4.30. Between hours afternoon & evening

Cambridge.

Ther

Monday, Feb. 22, 1915

Wea
Fine

Sunny but hazy, calm, mild.

Garden birds: A Flicker, 2 Blue Jays, about a dozen House Sparrows and a ♂ Sparrowhawk, the last named engaged, at 1 P.M. in rapid, erratic, plunging flight, accompanied by throat screaming, as is the habit of the species at this season and later. One of the swoops made by this particular bird carried him down close over the Museum.

Spent most of day in Museum working on Chimney Sweep story. Tried to keep ahead of C's type copying in A.M. but she overtook me by 11 and after that lost much time waiting for my final pages. There was another composed letter which finishes this brief but troublesome article, I had Miss Balch & Mary G. at lunch. Dictated notes after that & again this eve.

Cambridge.

Ther

Tuesday, Feb. 23, 1915

Wea
Fair

Light cloudy, calm, mild.

Garden Birds. Looking out from our bathroom window at 8 a.m.

I counted nine Blue Jays on wing, flying westward over the garden & following one another in steady unbroken succession that all may be said to have been moving together in a straggling flock. A Flicker was seen later; also a dozen or more House Sparrows.

Attempting to revise the introductory part of Chimney Swift story a little I fussed over it all day rewriting most of it and adding some new matter here & there, thereby improving it, I trust.

Sally Dearborn lunched with us. E. A. S. departed for Springfield at 3. C. & I were beginning a booklet cover after supper when Charles Lamb dropped in. He stayed over our home & was very entertaining.

Cambridge - Boston

Ther

Wednesday, Feb. 24, 1915

Wea
Dull

Cloudy & showery with warm south-west wind.

Garden birds: - An unseen Purple Finch warbling softly in or near Parkmann apple tree; also a few House Sparrows.

Worked most of forenoon on revision of Swift story. Began on Hummingbird about noon and wrote four pages before 6 P.M. compiling the matter from journal notes. Walter Dean called for me at 6.15 and we went in town together to "We Doin'" meeting at Jackson's where we had, as usual, a delightful time. The talk related largely to the Great War, of course. There is no difference of opinion among us with respect to it. Home by 11.30;

Cambridge - Boston.

Ther Thursday, Feb. 25, 1915 Wea
Stormy

Warm rain with southerly wind.
Sun out at 2.30, after that more
rain in showers. Altogether an
April-like day. Hardly any ice left.
Snows totally gone. Crocuses, Squills
etc. pushing up sprouts from
Museum but nothing in flower yet.
Hard bulbs making a brave show
now: especially tulips & hyacinths.

Garden birds: A pair of Kinglets
flitting about in their dainty fashion in
shrubbery front of Museum; the ♂
showing flaming orange crown patch very
conspicuously. I remember seeing precisely
same thing in this same garden at least
fifty years ago. Two Crows cawing.

Spent forenoon in Museum working
on Hummingbird story which C. type copied
in book. I did not accomplish much.

Went in town after luncheon. Met
Judge Abbott by chance at one of Mr.
Galloupe's had made out my income
tax return which I signed.
Home by 6. E. R. S. read "Diana Ruby" then on

Cambridge

Ther Friday, Feb. 26, 1915 Wea
Fair

Thin cloudy with occasional
gleams of sunnier and frequent
flurries of big, fleecy snow flakes
settling sparsely and lightly on
ground hard frozen over night.
A harsh north westerly wind

Garden birds: A Purple Finch
warbling sotto voce, 2 Jays screaming
lustily, Crows cawing in distance,
10 or 12 House Sparrows flitting
about.

Although feeling rather "seedy",
because of an on-coming cold,
- the first of the winter for me -
I put in a full day's work at
my desk in the Museum,
composing rather more than two
pages of introductory matter for
Hummingbird story, thereby finishing
it, and then composing almost
two pages on the Kingbird.
Snuffed alone & read after words;
C. & E. R. S. at three o'clock.

Cambridge.

Ther Saturday, Feb. 27, 1915 Wea
Fine

A harsh day, clear & cold
with raging northwest wind.

Garden birds: - Only a Flicker
and a few House Sparrows.

Despite an aching head and a
bad throat I kept at work
all day in Museum compiling
four pages for Kingbird story
and also making some progress
with the introductory matter
needed to complete it.

I seem to write more easily
now than earlier in the
winter but little if any better,
it is to be feared.

We spent the evening in
the "Huggenwagger" because it
was warmer & less draughty
than the hall which we
commonly frequent. E. R. S. read
war news, C. played Solitaire,
I worked on Uctelela.

Cambridge.

Ther Sunday, Feb. 28, 1915 Wea
Fine.

Clear & cool with northwest
wind less harsh & violent than
that of yesterday.

The only birds noted about
the place were a few House Sparrows.

My throat cold increasingly
troublesome and oppressive yet
not sufficiently so to prevent
me from getting out to the
Museum where I worked most
of day in vain attempts to
complete the introductory part
of Kingbird story. Although
it should have been written
in half an hour the end was
not reached when I finally
laid it aside at 6 P.M.

Alice Stone our only guest
at dinner. We had some Victrola
music after it being more than
evening, chiefly black records
E. R. S. reading "Diva's Ruby", 9-9.30 P.M.

Cambridge.

Ther

Monday, Mar. 1, 1915

Wea
7. in.

Brilliantly clear & just seasonably cool with light northerly wind.

Garden birds? - A ~~few~~ flocking 2 Flickers in Parkmann Apple tree. One "shorted" long & loud, the first time this essentially Spring. The sound has greeted my ears this year. Either the same bird or another afterwards drummed many times in the jungle. 2 Jays screaming there. About a dozen House Sparrows seen.

Worked all day on introduction to Kingbird story involving all of it already composed & adding another full page. C. type copied everything up to date in forenoon.

Miss Mary Henshaw dined with us & spent evening. I played Beethoven for her, my cold being so bad that I dared not attend Mitchell Meeting.

Cambridge.

Ther

Tuesday, Mar. 2, 1915

Wea
7. in.

Clear and cool with high north-west wind.

Only House Sparrows seen about the place. Crows heard cawing in early morning.

My cold "progressed" but not "favorably" - to employ terms in frequent use by our correspondents. Indeed it was more abominably bad to-day than yesterday yet I kept at work from 9 a.m. to 6 P.M. on the baffling Kingbird story - now finished, I trust.

The ground hereabouts has been wholly free from ice and snow for several days past but it is hard frozen and barren looking.

Cambridge.

Ther Wednesday, Mar. 3, 1915 Wea
 fine

to the 7. and the 8. and
the 9. and the 10. and the 11. and the 12.

birds, a gray Purple Finch
in the north woods. 3 Jays &
a S. Flicker on ground beneath it.
all birds together about 9 a.m.
after the strip is burnt.
The young birds I saw this
morning, and all of them
in a cherry tree & a juniper.
After the night the birds,
I mean, appeared to be on wood.

Worked all day for Mrs.
Hoyt on road to
Hwy, then some more
work on page of
manuscript, and only
a few minutes
of conference with Mr.
T. and Mrs. H. and
Mr. H. and Mrs. H.
The day was very
hot and dry, and
the wind was very
strong.

Cambridge.

Ther Thursday, Mar. 4, 1915 Wea
Fine

Clear & cool with fresh northerly
wind much less piercing than those
of yesterday.

Garden birds:- A Thrush; 2 Jays,
about 10 House Sparrows.

Collet passing 27. Put in a
rather quiet day at my desk.
In forenoon completed three pages
of revised notes for Olmsted
Plymouth story which C. was
type-copying, thinking getting it
well sketched. In afternoon
completed about a page & a half
for the Phoebe story to
which no more need be
added, I think. We had reading
in the hall this evening.

C. has nearly lost the sight of
his left eye. Dr. Williams has examined
it twice within the last few days.
He says nothing can be done. The
trouble began four or five months ago.

Cambridge.

Ther

Friday, Mar. 5, 1915
First Snowdrops

Wea
Fair

Forenoon sunny but hazy, Afternoon cloudy. Mild with light easterly wind.

Garden birds: A Purple Finch warbling softly, a Flicker & 2 jays on ground near Parlmann apple tree, a Downy heard calling, Crows cawing in early morning, usual presence of House Sparrows.

Worked all day on Phoebe story, rewriting the whole of it. We had Victrola music and reading from Crawford's "Diva's Ruby" in the evening.

Half a dozen or more snow-drop buds showing white in front of Museum & one in front of house.

Gilbert in court yesterday & today. Jury gave him 3500 damages in suit against Boston Elevated R.R.

I have just resigned from Doherty & Athletic Clubs.

Cambridge.

Ther

Saturday, Mar. 6, 1915

Wea
Fair

Partly sunny, partly cloudy. Chilly day with raw easterly wind.

Garden birds: Two screaming jays and the usual number of House Sparrows.

Worked all day in Museum, mostly on Crested Flycatcher story which seems finished now but may not be. Also completed a page of field notes relating to Olive-sided Flycatcher.

Mr. Darling called at 9.30 and spent about half an hour explaining details of an offer that we have received for the Brewster Estate land on Appleton Street. \$8000 at first it has been raised to \$9000, & Darling hopes to get it up to \$10000. It comes from a builder.

Victrola music this evening

Cambridge.

Ther

Sunday, Mar. 7, 1915

Wear
Fair

Partly sunny. Mostly thin cloudy.
Wind: hardly any wind.

Garden birds: A Flicker, 2 Jays,
a Downy Woodpecker (heard), 10 or 12
House Sparrows.

Spent most of forenoon in
Museum writing letters. We had
a dinner only Miss Allyn
I played some Black Records to
her after it until Miss Chapman
called. After her coming, Dick Dora
who stayed about an hour.
He is very happy over Edith's
recovery. She was brought back from
the hospital yesterday and walked
up the front steps into the house.
After he had departed, I wrote
more letters. We had a
Victrola concert in the evening,
C. selecting all the records for
me to play. After that E. R. S.
read 'Diva's Ruby'.

Cambridge.

Ther

Monday, Mar. 8, 1915

Wear
Fine

Brilliantly clear and just
seasonably cool with light
westerly wind.

Snow drop & snow buds showing
bigger & whiter every day. Crocus
stems pushing up an inch or
more above ground but not as
yet exposing flower buds.

Garden birds: ♂ & ♀ Downy together
in lilacs, perching mostly on small
lateral twigs, fluttering their wings
a good deal. These two birds seem
given to behaving in this manner.
I rarely see them more than a
yard or two apart & they often
remain long within a few inches
of each other. There are also 2 Jays
& about a dozen H. Sparrows in garden.

Wrote a letter in forenoon but had
to stop because of severe attack of neuralgia.
Spent most of P. M. in darkened room.
C. went to town at 4 P. M. to spend a
few days at "The Abbotsford" & C.

Cambridge

Ther Tuesday, Mar. 9, 1915 Wea
Fine

Brilliant sunshine & cool, crisp air combined to make a very delightful day. It was almost windless.

Garden birds. A ♂ juncos singing solo in the lilacs, 2 jays perching, a crow cawing, House Sparrows flitting about.

Walked to Lowell Street Schoolhouse soon after breakfast to cast my vote for Citizens ticket. Jess Deane walked back with me.

Spent forenoon picking out birds for Mrs. Wright & clothing for the Belgians from my Concord stock all of which I had sent down to be this gone over.

Neuralgia attacked me again about lunch time & I had to spend whole afternoon in darkened chamber. Got out to Museum at 5.30 & have to wait a little about Wood Pewer. E. R. S. read about this evening.

Cambridge

Ther Wednesday, Mar. 10, 1915 Wea
First Snow Blackbird Fine

Weather conditions essentially like those of yesterday and no less delightful. Several Blue Seylla birds showing in front of Museum.

Garden birds: Looking out over room windows at 8 a.m. I saw a ♂ Crow Blackbird alight in the top in jungle. He sat there about a minute, his sherry plumage glinting in full sunlight, & then flew off. Shortly after breakfast found following birds in or close about Tallmanna apple tree: 2 juncos (♂♂), 2 Downy Woodpeckers (♂♂), 2 Purple Finches (both gray), 2 jays, & a Titmouse (dressing) about a dozen House Sparrows.

Spent most of day in Museum. Orlam Bangs and Brook arrived about 9.30 and stayed until noon looking at birds & talking. S. C. and I came at 3 and stayed until 5 seeing my advice about undertakings for Fish & Game Pres. Ass. E. R. S. read to me this evening & we had some Victrola music.

Cambridge.

Ther Thursday, Mar. 11, 1915. Wea
Fine
First yellow crocuses

Clear, cool & windy - a rather harsh
& blistering sort of day. Two yellow
crocuses in bloom front of Museum.

Garden birds: 2 Jays, a Crow flying
low, about a dozen House Sparrows.

Spent most of day in Museum
working intermittently on the Ambagos
bill. Wrote almost three pages of
freshly composed matter, two relating
to Wood Pewee and on a least Pewee.
Had to quit work by 4.30 because
of another attack of neuralgia.

This & depressing weakness induced
me to send for Dr. Jones who
came at eight o'clock this evening.

He says I have had a form of
grippe which is epidemic hereabouts
and followed usually by conditions
similar to those by which I am
afflicted at present. He advises me
to remain home for sometime longer.
Miss Henders joined with us.

E. R. S. read aloud Mr. Hall's letter to me.

Cambridge.

Ther Friday, Mar. 12, 1915 Wea
Fine

Sunny but very windy (N.W.) and rather
chilly yet not cold. Four yellow crocuses,
several squills and dozens of snow drops
blooming in front of Museum.

Two screaming jays and about a dozen
chattering House Sparrows were the
only birds noticed about the place.

Spent day in Museum working
at accustomed pace and making
rather good progress for I wrote
a page about the Horned Lark,
another about the Prairie " " and
a third relating to Olive-backed
Flycatcher, nearly all of this matter
being freshly composed.

C. returned from Boston in
time for luncheon. Arthur Bove
called just after it and stayed
about an hour. He had hoped to
do some work on my birds but I
did not feel up to it & told him so.
C. & I had dinner before this evening.

Cambridge

Ther Saturday, Mar. 13, 1915 Wea
Fine

Clear & cool with light
northerly wind.

Two Jays & ten or a dozen
House Sparrows were all the
birds I noticed about our place.

Spent entire day in Museum.
Got on uncommonly well with
the writing. In forenoon added a
page to Olive sided Flycatcher story,
thoroughly completing it, and wrote
another of introductory matter for
Yellow-bellied Flycatcher story
to which I added three more
pages after luncheon, completing
them mostly, however, from the
Unbought note books. For
the first time this winter I
am writing with comparative
ease & celerity yet my health
& spirits are decidedly below
normal because of the recent attack
of grippe. Victrola music in hall
this eve. for C. & E. R. S.

Cambridge

Ther Sunday, Mar. 14, 1915 Wea
Death of James G. Croswell. Fine

Clear & cool with light westerly
wind. Hoar froze at early morn.

Garden birds: Two gray Thrush
finches eating fruit of Parkmann's apple,
2 jays screaming, about ten House
Sparrows.

Spent most of day in
Museum writing letters. We
had only Miss Allyn at
dinner. I played Victrola
music for her after it and
again in the evening for
C. & E. R. S. Anna Allyn called
at 8.30 staying about
half an hour.

The more troublesome
manifestations of my late attack
of grippe have ceased but I
do not seem to be recovering
much of the lost strength as
yet.

James G. Croswell
Schoolmaster
my old friend
died in New York to-day of heart failure

Cambridge

Ther Monday, Mar. 15, 1915 Wea
Song(?) of Blue Jay. Fine

Brilliantly clear, very windy (N.W.),
rather cool; altogether typical March
weather.

In Garden: A gray Purple Finch
eating seeds of Parkinson apples;
2 jays, one of them uttering a
variety of subdued & very musical
notes some delightfully liquid in
quality, keeping it up ceaselessly
for several minutes. I heard this
through my closed Museum window
to which the bird must have been
very near & on the roof or gutter
just above, I thought. Is not this
the song of the Blue Jay?

Spent day in Museum working
on Alder Flycatcher story. Composed
a page of introductory general
matter & completed considerably
more than that from field notes.

Nuttall Club. I attended meeting
of Council only being too weak
to stay on for the general meeting.

Cambridge

Ther Tuesday, Mar. 16, 1915 Wea
Fine

Brilliantly clear, almost windless,
seasonably warm & cool.

Hundreds of snow drops, very many
squirrels and about a dozen yellow
crocuses in full bloom front of
Museum. House bulbs almost
done flowering. They have been
uncommonly fine this year.

Garden birds: A solitary Purple
Finch (gray) in Parkinson apples;
two jays, one singing softly again
close to my study window;
House Sparrow to the number of
ten or a dozen.

Worked all day in Museum
despite rather distressing nervous
exhaustion which seems to increase
daily, although otherwise the aftermath
of the "grippe" attack is passing off.
Wrote five pages for Alder Flycatcher
story, completing from journal notes.
The last of *Syrnoides* now dealt with.
Victrola music this evening.

Cambridge.

Ther Wednesday, Mar. 17, 1915 Wea
Dull.

Cloudy & chilly with light snow
fall - only just enough to whiten
ground. Most of it came in early
forenoon, melting as it struck.

Garden birds: 10 Browzed Grackles
appeared about 3 P.M. and spent
an hour or more in jungle, tumbling
about everywhere on ground as is their
usual custom at this season. At
least two of them were females.

Jays about the place all day. I
saw 5 at once, two, apparently
a mated pair; spent much time
among rhododendrons under my
study windows & one of them sang
there. There were 8 or 10 Sparrows.

I worked all day on the M.S.
written within the past two days,
revising and to some extent
redrafting it.

Victrola music & reading in hall this eve.

Cambridge.

Ther Thursday, Mar. 18, 1915 Wea
Fine

Clear, cool, rather windy (N.E.)

Garden birds: 2 Purple Finches
(gray ones) in Parkman's apple tree, 4
Blue Jays, 5 Crows (flying over),
Downy Woodpecker (♀), Crow Blackbird
(heard), about 6 House Sparrows,
Nuthatch (Carolinensis) calling woe-woe-woe, 6 or 7

Worked all day on Blue Jay
story, begun this forenoon. Wrote
four pages of which there were
completed from former notes.

John Nichols called just after
luncheon and stayed about
an hour. We talked mostly
about Jim Crockett's death
- and life. John has seen
much of him all along &
was with him one evening some
more than a week ago.

We had Victrola music &
reading in hall this eve. C. & R.S. & J.

Cambridge.

Ther

Friday, Mar. 19, 1915

First Robin.

Wea
Time

Brilliantly clear with light northerly wind. Ground white with hoar frost at sunrise. Several white crocuses in bloom.

Garden birds: Awaking about sunrise I heard a Robin calling & a Thriller shouting, both apparently in our hindern. Later in morning noted 2 Purple Finches (both gray); a Goldfinch (on wing); a Crow Blackbird (♂), 2 Jays & 5 or 6 House Sparrows; also a Crow.

Gilbert motored me to Mus. Comp. Inst. at 9.30 A.M. I met there Sam Henshaw, Outram Bangs, John E. Thayer, Walter Taper & H. B. Bigelow. Was shown interesting birds including new Gull from Ellesmere Island & two kinds of Black-capped Petrels. Left at 11.30 & motored John Thayer to Harvard Sq. where he took subway car & I had hair cut. Spent most of P.M. in Museum working on Blue Jay story & completing 2 pp. British Museum in evening.

Cambridge.

Ther

Saturday, Mar. 20, 1915

Wea
Time

Clear & calm. Hoar frost in early morning.

Garden birds: Two Jays (one of them singing softly), Crow Blackbird (heard), Crows (calling at sunrise), a few House Sparrows.

Spent day in Museum. Devoted forenoon to picking out birds skins for Mabel Ogden Wright from my collection to add to a considerable number selected for her on request by Outram Bangs from Museum Comp. Inst. Series. Between us we shall supply almost all on her list. She desires them to mount for a study collection for Fairfield Bird Club.

Wrote (in copyright) two pages for Blue Jay story in P.M., thereby completing it. Victoria museum & reading this morn.

Cambridge.

Ther

Sunday, Mar. 21, 1915

Wea
Dull

Cloudy & chilly with a few
snow flakes falling now & then.

Garden birds: One Purple Finch (young)
on ground under Parkmans apple
tree, 2 Jays, 5 Crows (flying low)
& 6 or 8 House Sparrows.

Spent most of day in
Museum writing letters,
Miss Allyn & her nephew
dined with us and listened
afterwards to Victrola music
of which we had and
larger concert, besides reading
aloud, in the evening.
So has passed a rather
cheerless & wholly uneventful
day.

Cambridge

Ther

Monday, Mar. 22, 1915

Wea
Dull.

Cloudy, chilly, calm.

Garden birds: A Flicker heard
shouting at early morn was
probably the male of a pair seen
later hopping Robin-like over the
grass plot by the sun dial.
Besides this I noticed nothing
save two Jays & a few House
Sparrows.

At desk in Museum during
greater part of day. Wrote three
pages about the Crows, two
composed and one completed.
C. typed most of forenoon.
I am keeping somewhat ahead
of her now but neither of
us will do much more
before the house closes & reopens
again.

C. had what was essentially her
old reading class here this afternoon
to hear Geo. Jeffers Libby read. I
came in at 5 to see them all.
E. R. S. read to me in hall this eve.

Cambridge - Boston.

Ther Tuesday, Mar. 23, 1915 Wea
Fair

Forenoon cloudy; afternoon
sunny. Calm & mild but chilly.

Garden birds: a Flicker (chirping),
a Grackle (heard), 2 Jays, a few
House Sparrows.

To Boston at 10 a.m. Spent
next six hours mostly in our
office. Dictated letter to Mr. Haley
advising him not to worry &
assuring him that he might
have as much more time as is
necessary to complete his essay.
He is now at Sanitarium in Melrose.
Harry Spelman brought in Bensons
mortgage deed. It proves, as I had
expected, to be a first mortgage for
\$600. on his entire real estate. I
wrote Mrs. B. W. Brown to that effect.
She telephoned me last night that
Bensons denied I had any such security.
Lunched at Marston's. Home by 4.30
to review M. S. & add 10 pages to
Crowd. Harry Spelman brought in Bensons
mortgage deed. It proves, as I had
expected, to be a first mortgage for
\$600. on his entire real estate. I
wrote Mrs. B. W. Brown to that effect.

Cambridge - Boston (We-Dine)

Ther Wednesday, Mar. 24, 1915 Wea
First Bees. Perfect.

Brilliantly clear, perfectly windless,
warmest day of year thus far.
Honey Bees out by scores buzzing
about blossoming crocuses.

Garden birds: Robin calling at
evening. Flicker chirping & Crows
cawing in early morning.
Blue Jay singing solo voice, near
my study window, almost continuously
for upwards of two hours in
forenoon. Grackles heard. House
Sparrows in small numbers.

Had a mean-feeling day with
neuralgia & nerve exhaustion
but kept at work nevertheless,
writing two pages about the
Raven thereby finishing with
him. Took a short walk
up Brattle Street just before
lunchtime which I ate alone.

Went in town with Walter at
6.15 to "We-Dine" meeting at Will
946ms. All except Barbara there.

Cambridge.

Ther Thursday, Mar. 25, 1915 Wea
Time

Clear and mild but rather
chilly with light easterly wind.

Garden birds: Flicker shouting &
Crows calling in early morning
& later. A Jay singing notes over
near my window at intervals
through forenoon. Robin calling &
laughing towards sunset.

Spent day in Museum, writing
letters and reviewing M.S.
C. worked through forenoon,
type copying everything up to date.
She will not do anything more
at our mutual task this spring.
I may take it up again
next month or may not.

Gilbert brought out a lot
of Columbia records which we
played this evening, getting
them very good ones.

Cambridge.

Ther Friday, Mar. 26, 1915 Wea
28° Time

A harsh day with cold and
violent north-west wind.

Garden birds. Robin calling, ? flicker
shouting and Crows cawing in
early morn. Blue Jay singing very
like a Cat bird, but in subdued
almost whispering tones for an
hour or more, at intervals, in
forenoon. He was in Rhododendron
thicket under my study window,
sometimes no more than a foot
above the ground.

Spent most of day writing
letters in Museum. Also selected
birds to send Biological Survey
and Arthur Hays Sulzberger for study
& comparison. Gilbert took
rejected records in town &
brought out more which I
played, finding our good one.
C. & E. at their Bee this evening.
I suffered alone & played Victrola
and read some news.

Cambridge.

Ther

Saturday, Mar. 27, 1915

Wea
Fine

Gleam and wintry cold with hard-frozen ground and raging north-west wind. Some of those ^{much} out of doors report that we have had no harsher day all winter.

Garden birds: Two Crows Blackbirds in jungle; a mated pair of Jays spending whole forenoon in thickets of Rhododendrons beneath my study window where one bird sang long and very pleasingly at intervals, his subdued voice coming faintly, yet distinctly to my ears through the closed window. He and his mate kept mostly near together or no more than a foot or two above the ground moving about but little.

Spent day in Museum working letters & putting away things for summer. Leo brought quarterly cheque from office for me to sign. Miss Galt called this morn. We had Victoria music after the letters.

Cambridge.

Ther

Sunday, Mar. 28, 1915

Wea
Fine

Clear & cool with rather fresh but not violent westerly wind.

Garden birds: a Robin calling; 2 jays among Rhododendrons under my study window, one singing, the other eating nightshade berries after pecking them to pieces rather daintily. Two Crows Blackbirds in jungle.

Spent forenoon in Museum reading & writing a few letters. Mr. & Mrs. Will Jeffries and their daughter dined with us & with Mrs. Allyn at 6.30. They all stayed until 3.30. We had Anna & Victoria music.

Dick Dana came about 4.30 to spend an hour chatting with me in Museum.

Georg & Mary Deane came down at 8.30 this evening to stay about an hour. Mrs. Victoria

Cambridge Boston

Ther

Monday, Mar. 29, 1915

Wea
Time

Clear & colder, with high N. W. winds which had a wintry keenness, especially towards nightfall.

Garden birds: Song Sparrows in tops of lilacs 8 a.m. I saw him from bath room window & listened in vain for him to sing. A Robin 2 Grackles & 2 Jays in flocks.

Left house at 10 a.m. & walked from to Breckin's for Easter Lily for C., next to City Hall for hunter's license. Gilbert left me there & went to General to put farm horse on order. I called at Cambridgeport Savings Bank. Started an account with \$200 & had a talk with Mr. Roof my High School classmate. Next in town to Suffolk Savings Bank where I deposited \$300 & saw Geo. Wigglesworth: At our office 12 - 4 P.M. Bought 1000 Mass 4 1/2 bond & 10 lbs. Fish Ribbon & stick lunched at Maistons. Home by 4.30. wrote letters, wrote G. Victoria notes & reading no hall this evening.

Cambridge

Ther

Tuesday, Mar. 30, 1915

Wea
Time

Clear and cold with violent, harsh north-west wind.

Garden birds: a Robin calling, 5 jays together in rhododendron thicket by my study window when one bird sang at intervals from 11 to 12.30; 2 Grackles in jungle; Crows heard cawing; half a dozen House Sparrows.

Gilbert brought up the Ford car this morning to take me to Concord but the weather was so wintry I dared not go in my present enfeebled & dispirited condition. So the car was sent back to the garage and I spent most of day in Museum writing a few letters & filing letters & looking over pamphlets. Mary Greenough & Mrs. Sawyer dined with us at 1.30. Victorian music & reading this evening.

Cambridge-Concord.

Ther Wednesday, Mar. 31, 1915 Wea
Fine

Clear, calm, warmer.
The best day for a week or
more because so nearly windless.

Garden-birds: 2 Robins attacking
7 Crane Black-birds with excited
clawing. 2 Jays. Downy heard.

Farm birds: 2 Bluebirds (singing
gloriously at noon) Robin calling (at
eve.); 3 Song Sparrows (1 sang over
at eve) Chickadee (Bird 7:), Creeper
(Pulph R.), Partridge (5) started in
Pulph R. woods, 1 in Run, Pheasant
(2: crowing) - Crow, 1.

Fresh tracks of large Deer in
Birch Field.

Loaches delight (purple) in full bloom.

Gilbert, little "Jill" & I left home
at 10 A.M. & motored to Concord
stopping at Longington for supplies.
Jim & I had a good walk in
Birch Field & Pulph R. woods in
mid afternoon.

Concord.

Ther Thursday, April 1, 1915 Wea
Fair

Partly cloudy, mostly sunny.
Cool with fresh N.W. wind.

Farm birds: Robin, 1 in full song
at sunrise; 2 calling after sunset;
Song Sparrow 2:; Chickadee, heard;
Creeper, heard; Red-bellied Nuthatch,
1 in Cedar Park; Fox Sparrow 1 in
Cedar Park; Crow, (5); Pheasant,
2 crowing at evening.

No snow or ice in open country,
very little in woods; frost out of fields
exposed to sun; roads as dry as in
midsummer. Although most woodland
pools are wholly free from ice no
Frog or Hyla have been heard as
yet the farmers tell me. Nor has
the great flight of Fox Sparrows &
Juncos arrived. Song Sparrows are
not numerous. No green grass.

Spent most of day out of doors
dusting work of room. Walked to
Birch Field & Birch P. in P.M.

Concord (Farm)

Ther

Friday, April 2, 1915

Wea
Fair

Partly sunny, partly cloudy
Cool with light westerly wind.

Farm birds: 2 Bluebirds, a
Robin & 3 Song Sparrows singing
near house, between 6 & 7 a.m.

Saw 3 Robins together in fruit
& low bird in downy yard clump.
Pheasants cawing in various
directions in early morn &
again at even. 2 Silver Gray
Sparrows in Cedar Park.

Started 3 Partridges all together
in Pulpit Rock woods.

Listened in vain for Wood Frogs
& Hylas. All conditions ripe
for them to be vocal.

Spent about half of day out
down about the farm. Put
up bird boxes & cleaned out
saw left up over winter. In
one found a Gray Squirrel.
No Red Squirrels seen or heard
as yet.

Concord - Cambridge.

Ther

Saturday, April 3, 1915

Wea
Stormy

Heavy snow fall.

Forenoon dark cloudy with intensely
chill north-east wind blowing half a gale.
Snowing thick & fast all afternoon
& up to about 9 P.M., low dry branches
of trees and covering ground to depth
of fully ten inches.

Spent most of forenoon at farm &
part of it with Burbank & George who
were hauling stones on a drag with
our horse, Prince, and placing them
for filling in hollows in road ways.
The freezing north-east wind made
it uncomfortable out of doors unless one
kept moving briskly. Saw few birds.
Only a Bluebird & a Song Sparrow singing.

In the Ford car, with all its leather curtains
buttoned on tight, Gilbert & I started for
Cambridge via Concord at 11 a.m. The
strong wind beat incessantly against our
canopy but this sheltered us perfectly. Snow
began falling as we passed Lexington & was
coming thick & fast when we reached home at noon.
May Crenshaw breakfast with C. E. R. S. & with
C. read war news & E. R. S. The Diller's Children, in
the morning.

Cambridge.

Ther
48°

Sunday, April 4, 1915

Wea

Thin Cloudy with light, chill N.E. wind. Almost a foot of snow covering the ground at morning but wasting fast as day wore on. Streets deep in slush. A few sleighs out.

Garden birds. Early in the morning Percy scattered a lot of hemp seed over a space a few yards square should cover of grass in front of museum. It was crowded with birds all day. There were about 30 House Sparrows, as many Crows Blackbirds, a Robin, a Fox Sparrow & a Blue Rock Pigeon there. In flocks there were several Jays & 2 Doves. A ♂ Cowbird joined the throng at seed bed shortly after 1 P.M. & at 4 I saw him in Parkman's apple tree with two Purple Finches.

Met C. at St. John's at 10.25. Dr. Hodges preached a fine Easter sermon. Church well filled. C. & I rode back through slush.

Miss Jennie Chapman, Miss Allen, Miss Swenson, Mrs. Cobb & Irving Fuller dined with us. I played a few records for them. Reached home about 8. Dishes clean this eve.

Cambridge - Concord.

Ther
50°

Monday, April 5, 1915

Wea
Fine

Sunny, calm, mild. Snow melting rapidly. Almost half of open country bare by night but where the snow had drifted deeply it seemed to shrink but little.

Garden birds: a Robin, 7 or 8 Sparrows, Juncos, Doves, 2 Jays (one in full song at 11 a.m.) 7 or 8 Grackles, a Crow, a few House Sparrows.

Gilbert & I left the Museum at 11.30 & reached Concord village on horse car. For the most part bare or almost so. The roads were in places obstructed by snow drifts which along walls & banks were often from six to eight feet in depth. The cars labored & floundered through much deep slush & we lost one set of chains. Saw three small flocks of Robins & one of Fox Sparrows. Reached Concord at 1.15. Spent most of P.M. browsing through the Cedar Park. Saw a Robin & heard Crows & Pheasants.

Concord (Farm)

Ther Tuesday, April 6, 1915 Wea
Pileated Woodpecker. Stormy

Cloudy, calm & mild with incessant
light rain-fall. Snow melting fast.

Farm birds: Bluebird, Fox Sparrows
& Song Sparrows singing at early
morning, Red wing & Song Sparrows at
1. midday. 2 Cedar birds & a Robin
eating Cedar berries & barberries
near house at 6.30 a.m.

Burbank heard Canada Geese at
6 a.m. & Iph saw as well as heard
a large flock flying over high at 7.20
At 8.15 a.m. I was on a wooded
ridge S.W. of Barrett Spring when the
voice of a Pileated Woodpecker fell on
my ears. A few seconds later the big
bird passed me on wing about 70 yds
off & just above tree tops, with loud
Cree-lee flight, calling cuck, cuck
& cuck etc. all the while & for at least
two minutes after alighting somewhere
in gully below spring. I heard it
again at 4.30 P.M. near Palfit Rock
uttering the same slow prolonged
vocal calling & also tapping loudly.

In Birch field at 8 a.m. with
Burbank, Iph & George. We entered
the furrow brush but some snow drove
us by George. Walked down then again

Concord (Farm)

Ther Wednesday, April 7, 1915 Wea
Barred Owl hooting. Fair

Cloudy, foggy & calm in early morning. Sun
out & light N.W. wind blowing by 10 a.m. Heat
7 deg. partly sunny, partly cloudy. Warm.

Farm birds: Robin, Bluebird, Chickadee
& Song Sparrows singing in early morn.
General amount of juncos. At least 30
in orchard singing & chasing one another.

3 Fox Sparrows & as many Song Sparrows with them
About 9 a.m. I was standing near
Barrett Spring when a Barred Owl
hooted further up the Sun, apparently
near Palfit Rock. It gave the full,
normal hooting outcry which was
afterwards repeated five or six times
at intervals of one or two minutes.

I finally went in search of the birds
but failed to find them & did not hear it
again. Pheasant crowing lustily
all day, some in dense woods
where I saw their tracks in snow.

Where are Flickers, Tree Swallows &
Prothonotaries? Why are Hylas & Wood
Peeps silent?

Many hawking brush into Birch field &
singing in there. I was with them
8-9.30 a.m. & 2-5 P.M. Birds
settled & slept rest of day.

Meadow brook & at 7 a.m. Heard a light call of Song Sparrows at Barrett Spring. Heard a light call of Song Sparrows at Barrett Spring. Heard a light call of Song Sparrows at Barrett Spring.

Concord (Farm)

Ther Thursday, April 8, 1915 Wea
First Wood Frogs. Perfect.
Phoebe

Brilliantly clear & deliciously warm although the wind was north west and very strong. The snow melted fast everywhere and none was left by sunset save in drifts along walls.

Wood Frogs vocal at last, croaking by scores all afternoon & after night-fall, in pond below orchard.

First Phoebe, in full song 6-7 A. M. near house. One Robin singing & three calling on several, not many Sparrows - 2 Fox, 3 or 4 Juncos, 2 or 3 Song. Red bellied Nuthatch near Spring

I spent entire forenoon in woods south of the Spring where there were some hanging bunch to back field & growing in there.

Wrote letters for a hour or two after breakfast. Out again from 2.30 to 4.30 cutting brush on hillside about orchard with Brookline.

Concord (Farm)

Ther Friday, April 9, 1915 Wea
First Hyla Fine

Sunny and almost uncomfortably warm with light southerly wind. Hoar frost at sunrise; clouds gathering at sunset. Grass showing green on banks, front of house. Wood Frogs in full cry all day & now at 8 P. M. Heard a Hyla peep a few times at 4 P. M.

Arriols: Flicker, one shooting near house at sunrise & later; Tree Swallow, two, apparently mated pair flying about back house at kitchen place 11.30 A. M. at 1.30 P. M.

At 9 A. M. saw a large Cooper's Hawk, apparently ♀, fly low & downward over orchard, beating her wings almost incessantly like a Marsh Hawk & moving no faster. She barked repeatedly. This was a nuptial flight I thought.

Not many small birds about. 2 Fox Sparrows, 3 or 4 Song, no Juncos. Phoebe sang all day, Bluebirds in P. M.

Spent most of day with Budank grafting wild apple trees.

Concord - Cambridge - Boston

Ther Saturday April 10, 1915 Wea
Dull

Cloudy & warm with fresh southerly
wind. Brief thunder shown 6.40 a.m.

Left Farm at 8 a.m. & motored to
Cambridge via Carlisle Bridge, Bedford,
Boston & Waverley. Robin scattered
commonly all the way. Meadow Larks
singing in half a dozen fields. Pair of
Sparrow hawks on Trapelo Road hilltop.

Reached home about 9 a.m. Found big
flock Cedar birds in jungle over Parthenon
apple tree. Counted 40 roughly. Pair seen
left but many remained all day. Percy
says they have been there for past few days.

4 Jays & 6 or 7 Grackles also. Robins and
Chickadees in full song. Silent Hermit Th.
hopping about edge of pond forest of Mass.

Went in town at 10. At our
office from 10.30 to 2 (except when
hunching at Marshals), to Dr. Blake's by

Waffle at 2.30. He removed wax from left
ear & then tested my hearing. He says
is not deteriorating. There is temporary
congestion accompanied by ear ache just now.
He advises rest & quiet for awhile. Heard
telegraphed Henry to suggest that my trip to
Washington must be postponed. Had hoped to

Cambridge.

Ther Sunday, April 11, 1915 Wea
68° max. Dull.

Cloudy & warm with fresh
southerly wind. A clap of thunder
and brief dash of rain at nightfall.

Garden birds: Robins singing every now
& then through day, then at once towards
night; four of them, all males, fighting
together on lawn at 1.30 P.M. Flock
of 15 Cedar birds in jungle at 9 a.m.
& 4 P.M. Chickadees chattering all day long.
Several Grackles & Jays & about a
dozen House Sparrows. Crows coming
in early morning.

Walked down to St. John's at 10.30.
Seeing or hearing Robins, Cedar birds
& Grackles all the way. Met C.
at church. Dr. Hodges preached.
Home by 12.15. C. & I walked
around Garden. Squirrels from of
Museum on base & making brown thump.
Miss Allen, our only guest at
dinner. Vegetables (new) after
it & again this eve. I am still
feeling even weak & listless.

Cambridge-Concord

Ther 68° Monday, April 12, 1915 Wea Fine

Clear & warm with fresh westerly wind.

Garden birds: (8) Cedar birds hanging about all day (one dead one that had apparently flown against tel. wire found just outside Museum gate. At least 4 Robins, one singing freely. 4. Grackles bathing in pond. Jays screaming. Chatter starting.

Spent forenoon in Museum looking letters and my annual report of taxable property for the Cambridge Assessors. C. visited in Town with Gilbert. She was back in time for lunch at which we had Miss Balch. After it we had a little Victor music.

Gilbert & I started for Concord at 4 P.M. & reached Town at 8.30. Stopping at Lexington for food & coffee. Fields bright green in places. Hylas in full cry. Walked to Beech Field before sunset. Robins singing freely.

Concord (Farm)

Ther Tuesday, April 13, 1915 Wea Fine

Clear & cool with light northerly wind. Ground frozen slightly early morning.

Awakening at daybreak I opened two of the chamber windows & listened to the birds for half an hour. The chorus of Robin voices was much fuller than for two years past & almost normally so. These birds seem to have doubled in numbers since last spring. Song Sparrows sang freely for a while. Crows carrying loads at least 5 with Pheasants cawing in different directions, one down after another & then a long interval of silence. Later in day heard a Chaffinch & a Grass Finch, song several times. Also a Goldfinch in nearly full song & a Purple Finch singing brokenly. 4. Two Swallows about house. Hylas peeping merrily. A few Wood Frogs.

Spent most of day out of doors. In forenoon supervised a digging current & grassy brooks to be reported. In late P.M. walked dog's field & picked up some more.

Found several dead birds - some of them

Concord (Farm)

Ther Wednesday, April 14, 1915 Wea
Fine

Brilliantly clear with warm sun
but keen north wind.

Arrivals: Hermit Thrush (a tame, chattering
bird in Prescott pines), Brown Grackles
(one heard in orchard), Marsh Hawk
(seen courting over Bensen's pasture)

Very little singing except in early
morning & at sunset when there was
a full chorus of Robin voices with
Bluebird, Song Sparrows, Meadowlark
juncos, Phoebe etc. Purple Finch
in full song near barn at 11 A.M.
Hylas peeping merrily at sunset.

Hipociss & yellow daffodils in
bloom in the field, sunny meadows.

Four men hauling rocks from
ploughed land, Barbrook & Garry
transplanting barberry & getting
bushes. I was with them most
of day. Walked down to Bensen's
at 5 P.M. & talked with family
about their farm and garden.

Concord (Farm)

Ther Thursday, April 15, 1915 Wea
Fair

Forenoon sunny; afternoon cloudy.
Chill N.E. wind blowing all day.

Few birds seen or heard. One
or two Robins singing at noon &
even, a Bluebird & Chaffin in forenoon.
Song Sparrows silent. Several
juncos the only north-bound
migrants. Partridge drummed
twice about 3 P.M. at Union Railroad
station on wall foot of run.
At 5 P.M. I heard indistinctly
what sounded like the beating
of a Barred Owl in pines near
Pulpit Rock where it may have
been the beating of a steam
locomotive that came north
plainly later from same direction.

Spent forenoon transplanting
barberry bushes with Barbrook
& Garry; in afternoon set out
a lot of "grove yard" firds
with Barbrook. Walked to
back field with "Jim" at 5 P.M.

Concord (Farm)

Ther

Friday, April 16, 1915

Wea
Fair

Morning cloudy & chilly. Afternoon
sunny & warm. Light E. wind.

Arrived. Yellow rump Warbler (single
bird in top of big elm near house, chirping

Birds scarce and for most part
silent. Robins singing a little at
early morn & Grass Finches (3)
in forenoon. In mid afternoon
a pair of Bluebirds spent half an
hour about bay on grape arbor.

The ♂ hovered in front of a with
his bill full of grass & finally
entered it remaining inside about a
minute. It kept up an almost
continuous & delightfully tender
silly note. Both birds
uttered in unison a low, subdued
note something like Robins' creaky one.

Spent entire day out of
doors transplanting flowers
with Burdett's help. My
strength & spirit returning fast now.

Concord (Farm)
First Cabbie Butterfly.

Ther

Saturday, April 17, 1915

Wea
Fine

Barred Owl

Clear, calm, warm. Most
spring-like day thus far this year.

No new bird arrivals. Not
many birds of any kind about but
such as there were singing freely
& delightfully - Robins, Bluebird, Chipping
Song Sparrows, Grass Finch, Junco,
Meadow Lark, Flicker. Two Red-
shouldered Hawks screaming. Five
Tree Swallows flying from bay to bay
filling the calm air with their
joyous calls.

For the very first time since I
have known this old Barrett place
it is without its breeding pair
of White-bellied Nuthatches. The
death & removal (last autumn) of
their favorite big elm in front of the
old barn may have caused them to
desert the neighborhood. I miss them sorely.

Spent day working on flower beds
front of house. Men put in water pipes.
Duke Dancer called at 5 P.M. & we
had a good walk & talk.

Barred Owl kept a downy
nest in the top of the big elm
near house. It was full of
grass & lined with soft moss.
The birds were very quiet
and seemed to be incubating.

Concord (Farm & village)

Ther

Sunday, April 18, 1915

Wea
Perfect.

Brilliantly clear with fresh yet
very warm north wind; altogether
a most delightful day.

No arrivals noted. Comparatively few
birds of any kind about the farm
& their vicinity for most part.

Robins singing freely at sunset,
however, and Phoebe in forenoon.

A few Hylas peeping & on
Garden Road trilling at evening.

Saw a large Eastern Swallow.

Torrey's & Blood root beginning
to bloom; also a few hyacinths.

Spent most of forenoon in
house writing letters. Mrs. Melvin
called. She sent her car for me
at 3.15 P.M. & with John Gilman
joined me at the Colonial. He then
material to Cambridge & spent an
hour there planning for planting
canebrake etc. about Memorial. Home by
4.30. After that walked to Birch Field
with "Lion". Gilman returned to
Cambridge after Bradford school at

Concord (Farm)

Ther

Monday, April 19, 1915

Wea
Perfect

Brilliantly clear and very warm
with light west wind. Vegetation
advancing rapidly. Forsythia, Red
root, Lafferty, violet, Camellia into
blossom. Squirrels at their very best.
Crocuses passing or gone. Gooseberries
covered with rich green foliage.

No arrivals. No north bound
migrants. Saw a few juncos
& one lusty blackbird. Not
much singing save by three Thrushes,
trouping cheerfully all day long.
Robins sang a little, Robins well
at sunset. Hermit Thrush in
full song for half an hour (6-6.30
P.M.) in Birch Field.

Spent most of day out of doors with
me. Lawrence's team with Hanson &
his sons hauling barn for don yard.
Bradford Scudder & Mrs. Tarr of
Winchester called at noon, Dr. & Mrs.
Grove Allen at 4 P.M. Luster came
for walk at 6 & stayed until 10 P.M.

6.30. He attended in dig native meeting in "Birth of a Nation" picture house.

Concord (Farm & Village)

Ther Tuesday, April 20, 1915 Wea
 Fine clear & pleasant
 Fine

Clear and uncomfortably warm
despite a strong N.W. wind. A
few cladehem blossoms, Pinkalmond H.
few animals, no north bound
migrants saw a few juncos,
comparatively few locally killed
birds & these silent for an
most part - The "April bush"
as Henry Parker & I used to
call it. Altogether this is an
uncommonly birdless spring
thus far. The woods are
almost totally barren of bird life
& there is none too much of
it about surrounding lands.

Spent most of forenoon and
of day supervising the regrading
of our door yard. He has
begun excavating the cellar
this morning. In afternoon
I returned to Speyer Hall to
see Mr. Monahan & then to
Shady Hill Nursery to buy 100
mound lamb earls

Concord (Farm 1

Ther Wednesday, April 21, 1915 Wea
7:00

Clear & cool with strong North wind.
 Tulips beginning to bloom. Bees
 well out. Lots of Tent Caterpillars
 tiny nests in some places. Heard
 them first last evening.

Arrivals

Solitary Vireo ♂ & Pulpit R. woods, 4 P.M.
Sapsucker ♂ ad. digging wells, hickory, Ketchikan

Birds scarce & silent for most part. House Finch in full song. Birds feed 6-6.30 P.M. Loons. Thickens shouting all day. Robins scarcely silent. Phoebe song a little. (Only 3 seen so far, about 10 places

Spent entire day out of doors
with the men. They harrowed
loose, dug a trench for new
seeds drain, dug a lot of
stones on Rockton place for
transferring etc. Harris & his
men cementing culvert.

Concord (Farm & village)

Ther Thursday, April 22, 1915 Wea Fair

Forenoon sunny & calm. Afternoon cloudy with strong southerly wind. Hard freeze last night & grass fields white with hoar frost early this morning. Drought increasingly severe. River low, many swamps bone dry, forest fires raging in every direction (one is said to have incased the Castle point yesterday).

Arrival

Pine Warbler 1x Farm 1x in Sleepy Hollow Cemetery

Continued scarcity of common birds. H. L. Richardson tells me he has seen only one Red-wing & no Fox Sparrows, this spring. Heard Sitta canadensis in Elm.

Spent entire forenoon at Sleepy Hollow Cem. Superintending planting of 100 red laurels near Mel. Mem. Motored there again at 4 P.M. Did little or nothing at Farm.

Concord - Cambridge.

Ther Friday, April 23, 1915 Wea Fair
~~First cherry blossoms~~ (Cambridge)

Forenoon cloudy with light sprinkle of rain before 8. Afternoon sunny. Warm all day. Wind south.

Arrivals

Barn Swallow 1 flying at Farm, 11 A.M.
Field Sparrow 1x. Bay Pst. 1x. Killdeer 1x.
White Thr. 1x. Farm lane.
Birds more numerous & singing freely.
25+ juncos in orchard, 2 Chickadees,
2 Purple Finches, Meadow Lark seen.
Harris' Sparrow, another in Lawrence's field.
2 Chipping & 3 Song Sparrows.

Spent most of day working with 3 men transplanting shrubs from Ritchie's place to Farm. They were bought of Horsford about 10 years ago & have not been moved since.

Gilbert & I left Farm at 5.07 & reached Cambridge at 6.15. Saw 6 Robins in Bedford & (22) Red-wings in Lexington.

Found C. & E. R. S. at home. Formed camp from Bethel to-day, calling from Springfield.

Cambridge - Boston

Ther Saturday, April 24, 1915 Wea
Dull.

Cloudy with chill east wind.

Garden birds: Robin (one on lawn),
Cedar birds (flock of 22 perched in
hackberry tree in jungle) Brown Grackles
(6 or 7 flying over & 4 on lawn), Crow
(8 together, flying low) House Sparrows
not more than 3 or 4.

To Boston at 11 a.m. At office
from 11.30 to 2. Almost nothing
to do there. Called on Mr. Everett
at his office. Lunched at Marston's.
Then to Follen, Fisk & Rawson's
where I bought seeds, fishbowl etc.
for Tami. Met De Merritt there.
We left together & walked thru
to Scollery Square where I took
cab for Cambridge. Reached
home about 4 & wrote letters
until almost supper time.

Victrola music this evening.
The two little dogs Jim & Lulu,
are becoming great friends. It is
pretty to see them at play.

Cambridge.

Ther Sunday, April 25, 1915 Wea
Fair

Forenoon sunny, calm & almost too warm
for comfort. Afternoon cloudy with chill
easterly wind.

Garden birds: Robin (♂ & ♀ on lawn,
3 singing at once & their other bird calling,
two on Hackett's Pond). Cedar birds.
(four in jungle eating hackberries).
Ruby-crowned Kinglet ♂ & ♀ together in
lilacs (the ♂ in full song & with flame
colored crown patch so exposed &
spread that it seemed to cover almost
the entire top of head). Brown Grackles
& Crows flying over, House Sparrows
(only four or five).

Met C. at St. John's 10.40. Good
sermon by Dr. Hodge. Robins &
Crow Blackbirds in songful places.
Mrs. Sawyer & Miss Allen dined
with us. I wrote letters, after they
departed & received Dr. Janette whose
address I sought. Because of persistence
trouble with my mouth. Good
breakfast & evening. Good
writing in hand from J. & M. & M.

Cambridge & Concord.
Alva Coolidge died at Upton, Me.

Ther Monday, April 26, 1915 Wea

Fine, clear & fine blossoms Fair
at Concord

Partly cloudy, mostly sunny. Heavy
thunder shower 4:30 P.M. Intensely
hot & sultry in early afternoon.

Animals

Yellow Warbler ♂ & Concord bridge - Dyer
Least Flycatcher - Red. ...
Purple Martin " " " " " "
Ruby-crown Kinglet. ♂ & Berry Pasture
" " " " ♂ & Cambridge Garden

Gilbert & I with "Lion" motored to
Concord this morning (9.20 - 10.27)
via Lexington & Bedford. Near
Coolidge Bridge passed within 20 yds
of Oak. Broad-wing Hawk perched
about 8 ft. above ground in maple at
edge of meadow (river), flock of
50 ♂♂ Red-wings in field (Lexington)
Smith Dexter came down to
dinner. After it he walked to
Bank Field Saw 2 Hummers in
juncos near Palfrey Rock. Solitary warbler
there. Ruby-crown at sunset. Ruby-crown
crowing, blackbird purring
across road in sun

Concord (Farm)

Ther Tuesday, April 27, 1915 Wea

Fine, Bat Fair

Forenoon sunny & oppressively warm
with light westerly wind. Afternoon
cloudy & chilly with strong E. wind.

Animals

Black & White Creeper ♂ & in sun, 8 a.m.
Bat - One in shed loft (None there yesterday)

Great chorus of Hylas & Garden Toads
last night & this in pond in Berry
Pasture. Hylas equally numerous in
pond. Gopher, orchard but no Toads there.
Both species in normal abundances now.

Spent most of day out of doors
clear about house & garden
men. Harris & assistant carrying
great encircling boulder from
house. Beak & Jeph handling
stones to it. Mowman & Sam drilling
& blasting them. Walked to
Bank Field at evening. Mrs. Melvin
came down for a talk in forenoon.
Harry & Allen Bartlett around at
7 & left at 9 P.M.

Concord - Cambridge.

Ther Wednesday, April 28, 1915 Wea
"We Dine at Rand's" Dull.

Cloudy with chill east wind.
Light sprinkle of rain after dark.

Spent most of forenoon
planting small mountain
crows (bought of Shady Hill Nursery)
along a wall at edge of
Pulper Rock woods. Not many
birds seen or heard.

Left Farm at noon and
routed to Cambridge, reaching
there at 1.15. Lunched with
C. & E. K.S. Spent afternoon
looking for tellers. Two Robins & a
Jay the only birds noted on
our grounds.

To We dine at Ned Rand's
at 7 P.M. Everyone there
except Barbara & Bert.
Usual good dinner & got
home by 11

Cambridge - Concord.

Ther Thursday, April 29, 1915 Wea
Shed bush in full bloom. Fair

Forenoon cloudy & misty with
light, cool easterly wind. Afternoon
sunny, warm clear & oppressively
warm.

Cambridge (Concord)

House Wrens 6. near house 1-3 P.M.
Kingfisher - Heard in Farm

Left Cambridge at 9.15 A.M.
and routed to Concord via
Waverley, E. Lexington, Lexington
Bedford & Castle Bridge.
Saw Robins scattered all along
the way. Just after entering
Bedford Swamp saw a very
small ♂ Broad winged Hawk
fly from a bush over a shallow
pond by the roadside in a
higher bush in a maple.

Spent most of afternoon
transferring large black sparrows
from Birch Field to Berry Pasture.
Found Phoebe's nest, 5 eggs,
near well house. First about.
One abnormally large & bluish egg.

Concord (Farm)

Ther

Friday, April 30, 1915

Wea
Stormy

Raining all day long, at times
very heavily. Thunder shower
in forenoon. Strong, chill N. E. wind

Very few birds seen or heard.
Robins singing well at daybreak
at least three pairs building nests
in our Burbanks' piazza,
another on step ladder in our
wood shed, the third in a
wild apple tree in Berry Pasture.
Saw a single Yellow-rump in
top of tall elm. Pheasant's
nest by well house. Had one
more egg - lay in all.

Spent most of day in house
writing letters & cheques.

Harriet & her man began on pond
but soon driven in doors by rain
& cold driven through wood shed.

Left & George went back in
Berry Pasture. (Frank Holden gave
account by Gilbert). Burbank did
some carpenter work.

Concord (Farm)

Ther

Saturday, May 1, 1915

Wea
Dull.

Cut first asparagus.

Cloudy with piercingly chilly
N. E. wind. Heavy rain through
last night, clearing before daybreak.

Arrival

Yellow Pines Warbler. Two heard
chirping near at hand, one in our
room, other in Rudolph Peterson's pasture.

North-Corned Kinglets

2 Ruby-crowned Kinglets, one
Whin. Thr. Sparrow, one Junco.

Starling & juncos in apple tree
near Bigelow's Brook (R. Peterson's)

Robin building on road pile in our
wood shed having abandoned step ladder
because it was raised yesterday.

Spent most of day transplanting
trees etc. In afternoon dug a lot
of ground junipers & some conifers
in Rudolph Peterson's pasture.
In afternoon dug culms by roadside
Gilbert next to Cambridge to
take C. into Boston.

Concord (Farm & Ball's Hill)

Ther Sunday, May 2, 1915 Wea
Fair

Most of forenoon sunny, &
afternoon cloudy. Rain at
evening. Rather cool all day.
Very little wind

No arrivals. Few local birds
& very little singing by them.
A ♀ Ruby-cr. & 3 White-throats
(parrots); a Yellow & Palm Warbler
& a few juncos the only north-bound
migrants.

Pheasant's nest near well house, had
6 eggs yesterday at 4 P.M. and 8 eggs
at same house to-day.

Plum trees & cherry trees in full
bloom. A few dandelions do.
Apple blossoms about out.

Edwin De Mearns arrived at
11.30 a.m. in a motor car with
two friends. They departed at 12.45.
He stayed over night. We walked
to Beech Hill, Ball's Hill & Halden
Hill in P.M. Saw up to 10 by post
for talking over early shooting days.

Concord (Farm)

Ther Monday, May 3, 1915 Wea
Dull.

Cloudy with occasional brief
in breaks of sunshine in forenoon.
Light, variable winds, mostly easterly
and westerly. Cool. Rained all
last night. Ground thoroughly soaked.
Arrival

Lowher. One heard calling near house
and in Berry Pasture.

Continued scarcity of general selection
of local birds & a White-thr. Sparrow
and flock of a dozen juncos the
only north-bound migrants.

2 Partridges drumming all day in hem-
lock in swampy part near road,
the other on stone wall at farm.

Julius now at last, making some
short; also growing and fertile

Spent day with George cutting brush
in & about Red pine near Ritchie place
& burning it there. Mr. De Mearns
left at 7. Mrs. Melvin called 3 P.M.

Concord (Farm)
Pheasants just sprouting peas

Ther Tuesday, May 4, 1915 Wea
First Apple Blossoms. Fine

Brilliantly clear & comfortably warm (or cool) with scarcely any wind until 5 P.M. when it started chill from N.E. & clouds began to overcast the sky.

Arrival

Brown Thrasher ♂ in full song in or near Berry Pasture, 4.30 P.M. Heard him over our house. Heard a Mockingbird, also, but that species has been noted before, at Concord village, by Dexter.

Continued scarcity of local birds. Very few singing much, except Robins, Flickers, Choppers & Chaffins. Robins' nests in third mud house kept deserted I fear. Bird fly from west over Newmarket piazza.

Barbark had her house of peas up yesterday. The tender sprouts of about 1/4 of the ground, the ground at 8 A.M. today. He said "Watchers" I noticed that the peas were missing from many spaces & therefore Pheasants' tracks & droppings all along rows.

Spent day near house supervising work of men. Subscribed \$1000 for Newmarket

Concord (Farm)

Ther Wednesday, May 5, 1915 Wea

Partly sunny, mostly cloudy. Cool with light westerly wind.

Arrival

Chimney Swift. one flying low W. past house at 4.30 P.M.

No obvious increase of local breeding birds but more singing especially by Robins, Blackbirds & Chaffins. Two House Wrens singing, one front of our house, other at Bangalore. Nuthatch calling coo-coo-coo in elms about our house most of forenoon. Solitary Vireo & Pine Warbler singing within ear shot.

North-bound migrants

1 Yellow Warbler, 1 Peewee, 1 Goldfinch, 3 Juncos. Never before have I known birds belonging to this class so very scarce & they have been for some months.

Spent day out of doors near house supervising farm & other work. Harris & helper finishing pond; Menden & son getting out barrels; Zeph & George handling manure; Barbark plowing asparagus & other stuff & working on water piping.

marked stone. Mr. Martin called about 3000 and Harry Barbark had 3000 and

Concord (Farm)

Ther Thursday, May 6, 1915 Wea
7 in

Clear & warmer with light W. wind

Arrivals

Nashville Warbler. ♂ & ♀ in room 8 a.m.

Black thr. Green. ♂ & ♀. Pulpit R. " " "

Bank Swallows heard at Sunset - Farm

North-bound migrants

Peabody bird 1x; Sapsucker ♀ ad.

Local birds

Chaffins more numerous, 2 Swifts

2 Robins singing at daybreak.

Dove cooing near head of run.

House Wren whining. Bird T. bird.

Spent a busy day out of doors near farm house supervising work of eight men. Harris & helper finished pond & drain in shed.

Mason & Son digging & beating walls.

Sept ploughing, Lawrence's man doing.

Barker & George doing various things.

Expected Chas. W. Townsend formerly 19

Heard night but they did not come.

Concord (Farm)

Ther Friday, May 7, 1915 Wea
7 in

Sunny & warm with southerly wind light in forenoon, strong towards night with increasing cloudiness & rain after dark.

Arrivals

Ovenbird ♂ & ♀ in room 8 a.m.

House Warbler ♂ & ♀ in room " "

Yellow-throated Vireo ♂ & ♀ towards Harris 8 a.m.

Bank Swallows: Heard at 4 P.M.

Bobolinks 2 ♂ & ♀ at 2 & 4 P.M.

~~Yellow Warbler ♂ & ♀ over house 8 a.m.~~

North-bound migrants

Sapsucker ♀ ad. oak grove near of barn

Peabody birds - 8 in garden

Swifts towards Pulpit, place 8 a.m.

Local birds singing freely through day. Robins, Bluebirds, Chaffins, Purple Finches, Field Sparrows, Brown Thrasher in tree. Two Swallows (5) flying about boxes with happy calling. Two Wrens in full song. W. br. Nuthatch also.

Spent day out of doors near house. Men ploughing, setting out strawberry plants, grafting vines in

Concord (Farm)

Ther Saturday, May 8, 1915 Wea Fair

Forenoon cloudy; afternoon sunny.
Warm with light westerly wind.
Raining heavily all last night to 6 a.m.

Arrivals

Chestnut-sided Warbler 2 x
Chestnut Flycatcher 1 x near home - day bird
Kingbird: Burtons fastener.

North-bound migrants

Yellow-rump Warbler 7 or 8 one x
Pecody bird 1 x.

Local birds

2 Brown Thrashers (Farm & Burtons)
2 Green Flycatchers " " "
2 Bobwhites " " " " "
Singing freely all day by Purple I.,
Chaffins, Bobwhites, Meadowlark,
Robins, Pecody bird Black-thr. Green
& Nashville Warblers etc. Poulidge
darning. Bellows pumping at no. towards
Dallins Hall.

* Spent most of day transplanting
flowering plants. Walked to Burtons
at 8 a.m. with Tim. He killed a big
Woodchuck in Robin place on way back.

Concord (Farm)

10 Ther Sunday, May 9, 1915 Wea Fair
Apple trees in fullest bloom.

Became cool and warm with high N.W.
wind. Cool at evening.

Arrivals

Car. Catbird. ♂ singing in Forsythia thicket
front of house at sunrise & through most
of forenoon. Two together (presumably mated
pair) there at 3 P.M.

Baltimore Oriole 2 ♂♂ x in elms near
north sunrise to noon day.

Red-eyed Vireo ♂ x Purple I. woods 10 a.m.

Black-throated Warbler ♂ x " " " "

No north-bound migrants noted.
No marked increase of local birds.
Trees & alighted fast singing all
forenoon. Bird music everywhere.

Shortly after breakfast Burtons
& I went to Birch Field to dig
some pines. I had intended to
leave them at Galloways on way to
Cambridge but gave up trip for
Mrs. Melvin came at 10.30 to
consult me about her will & other
things & Mrs. Emerson came at 4
for a friendly call.

Concord (Farm)

Ther

Monday, May 10, 1915

Wea
Fine

Clear & cool with high N.W. wind

Circus at

Golden wing Warbler ♂ (heard only in lane)
Black & Yellow " ♂ seen Birch Field
Swainson's Thrush. Cant note, " "

No north bound migrants other
than those just mentioned.

No notable increase in local
birds. They were mostly silent
because of the strong, keen wind.

Apple orchards in fullest bloom,
a few petals falling. Dandelion
blossom about at its height.

First Iceland poppies. Grass and
peas still in prime. Tulips
past it (after making a brown
show for over two weeks)

Spent day out of cloud near
home with Bushnell. etc.

Transplanted many flowering plants
& worked beds. Walked to Birch
Field with "Jim" at evening

Concord - Cambridge - Boston.

Ther

Tuesday, May 11, 1915

Wea
Fine

Clear & cool with light northerly wind.

Arrival (at Concord.)

Warbling Vireo. ♂ in big elm

Birds in our Garden, Cambridge.

Robin (♂ & ♀), Ruby-crowned Kinglet (a ♀, apparently),
Brown Thrasher (1, silent, on ground in jungle),
Nashville Warbler (♂ in willow by Mus. gate),
Magnolia " (♂), Chestnut-sided Warbler (♂ & ♀),
White-throated Sparrow (1) Jay (1) Cross
Blackbird (♂ & ♀), Chimney Swift 1.

Gilbert & I left Farm at 9 a.m. &
reached Cambridge on hour later, returning
down river Bedford, Lexington, & Longfellow
& Townley. Saw Broad-wing Hawk in
Bedford Swamp, Solitary Sandpiper bones
Shawheen River.

To Manhattan Monday 10.30. Met Mrs. Poller
there. Thence to Boston. At office 11.30 to 4
with brief absence. Met Judge Abbott there.
Saw Arthur G. & Ann others. Took 1000 City
League fund from Safety Valve & sold it to day
for 100 sh. prof. & 20 sh. com. Manhattan Street
Harbor by 4.30. Gardening with Percy until
6. Am spending evening by study fire.

Cambridge - Concord.

Ther Wednesday, May 12, 1915 Wea
Sunny with larvae out Fair

Sunny but densely hazy & cloudy also
in late P.M. violent westerly wind.

Birds in Garden: Robin (♂ & ♀), House
Wren (♂ & ♀), Magnolia W. (♂ & ♀), Redstart
(♂ & ♀), Maryland Yellowthroat (♂ & ♀),
Water Thrush (1 by pond), Purple Finch (1 by
in wall by window gate) Rosebreast
Groswallow (♂ in & ♀ in jungle) Oriole
(1 heard apparently in Spenser place)
Brewer's Goldfinch (♂ & ♀), Blue Jay (1 heard)

Left home at 9:05 A.M. &
traveled to Concord via Haverhill
road past East Lexington & Bedford.
Stopped at Buck - Robinson nursery
to buy six Aralias & a few other
plants. Reached Farm at 10:30.
Spent most of day in house
working. Men harvesting, planting
getting out seeds. Harris & men
building wall around well at well
road. Birds chased by high wind
Saw White-crowned Sparrows on wall
near Biggs' place. Sycamore with
larvae out.

Concord (Farm)

Ther Thursday, May 13, 1915 Wea
Fair

Forenoon - Sunny calm, very warm.
Light thunder storm at noon. Several
thunderless showers in P.M. Cooler
then with light westerly wind.

Arrivals

Tennessee Warbler ♂ & ♀ near Barn 11 A.M. Not seen
Maryland Yellowthroat ♂ & ♀. Barely Pasture.
Scarlet Tanager ♂ & ♀ near House all forenoon.
Indigo bird ♂ & ♀ " " 11 A.M.
Yellow-bellied Cuckoo 1 ♂. Barely Pasture.

Starling, ♂, seen, in top of elm on S.
end of house at 8 A.M.

Local birds numerous & singing freely.
House Wren 1 ♂. White-thr. Sparrow 1 ♂
the only northward migrants noted.
Besides Tennessee Warbler.

In forenoon Buckhart & I loaded
& rolled the big Zenia beds. In
afternoon we transplanted a
lot of flowering plants. Harris
finished well work & began break
wall near of house.

Concord (Farm)

Ther

Friday, May 14, 1915

Wea
Fair

Clear and cool with light E. wind.

Arrival

Black-jack Wasp σ & c near home.

This was the only north bound migrant noted except one House W.

Local birds

In. about normal numbers except Robins of which we have no more than 3 breeding pairs & the Swallows represented by only two. Song Sparrows also unusually scarce. I hear only one singing now.

Apple blossoms falling fast & many trees almost denuded of them.

Spent day out of doors near house supervising work of men. They were mostly working flower beds & digging out rocks.

Concord (Farm)

Ther

Saturday, May 15, 1915

Wea

Muskrat in pond, Berry Post Fair

Clear and cool with light N.W. wind. Whole frost in low meadows.

Apple blossoms shedding fast. Oaks in blossom & covered with tender foliage.

Gypsy larvae showing plentifully in apple.

Arrival

Wilson's Thrush 1 calling; Berry Post, sunset.

Black-bellied Cuckoo 1 coming in.

North-bound migrants

Jensen Warbler σ & c near 3 P.M. Oaks near 9.

Black-jack " σ & c near home.

Thin Lin. Sparrows 1 in

Local birds

No marked increase. Robin laid her first egg 11 a.m. nest on board fence in shade. Robins, Orioles, Grackles, Red eye, Yellow Thr. & Solitary Vireos, Chaffins, Cooled Fly. Chubs, Towhees & several Robins singing all day.

Spent day near home supervising work of men. They were mostly working flower beds & digging out rocks. Walked through Berry Post 6-6.30 P.M. Saw a big Muskrat swim across pond there.

Concord (Farm & Ball's Hill)

Ther

Sunday, May 16, 1915

Wea

Red Squirrel.

Fair.

Forenoon sunny, afternoon cloudy.
Cold N.E. wind all day.

Arrival

Loon. its laughing, often heard twice
in quick succession & with a hoarse
distinction as I was standing near
our barn at 11.30 A.M. The
sound came from eastward. in doubt
from a bird on Long Mt. northward.
I looked for him in vain, however.

North band migrants.

Several White-throated Sparrows, a
Tennessee Warbler & in oaks behind
barn, 2 House Wren.

Local birds

No change for several days past

Walked to Ball's Hill & back
via Bird Field & Benton, in A.M.
(9.30-11.30). Birds scattered
sparingly, many others & singing
faintly. Doves blighted by recent
frost. Heard a Red Squirrel near
Benton Spring (only one this year).
Spent afternoon in house working
letters & chapters.

Concord (Farm)

Ther

Monday, May 17, 1915

Wea

Stormy

Large N.E. rain storm lasting all day.

No arrivals. Few north band migrants
Tennessee Warbler singing faintly in oaks
behind barn through day. One adult
White-throated Sparrow. Golden-winged
Warbler heard in Berry Pasture.
Chickadees (2) shouting cheerfully.
Not much singing on part of
even local birds. Sixteen Bees in
shed loft. Robin's nest on road pole
in shed had 3 eggs.

We had intended to begin
praying this morning but the
rain prevented. George worked
out of doors despite it, left &
Burdock in the barn preparing
posts for a new bar way at
head of lane. Harris & his men
came down & worked at laying
a brick side walk to head house
while dinner was by rail. I wrote
letters & chapters for bills.

Concord (Farm)

Ther Tuesday, May 18, 1915 Wea
Apph orchard sprayed. Fair

Partly sunny, mostly cloudy. Calm
& rather warm.

No arrivals. North-bound migrants
Tennessee Warbler & oaks behind barn
Lincoln " " " " "
No noticeable increase of local birds.
Strange to say they sang but
little despite the calm, warm
weather. We have apparently only
3 pairs of breeding Robins, one
nesting on wood pile in wood shed,
another under Bunglows piazza,
the third in a cedar near back house.
There are two pairs of Wrens, four
pairs of Tree Sparrows, no Bluebirds,
one pair of Orioles, two or three pairs
of Chipping, one pair of Song Sparrows,
one of Phoebe & another as "Whistling" over

Spraying all day. Duren & George
with power sprayer, Mr. Brock, Zeph
& I with hand power one. We
devoted most of our attention to
apple & other fruit trees. Hoses
& more laid brick walk at Bunglows.

Concord (Farm)

Ther Wednesday, May 19, 1915 Wea
Fair

Clear & cool with strong W. winds.

No arrivals. Saw Black-throated
Blue Warbler ♂ & ♀ in Cedar Park. Other
North-bound migrants fewer. Blackpoll
1 ♂ & ♀, Tennessee ♂ & ♀ all day in oaks
behind barn, White-crowned Sparrows
heard in H. own's flower garden seen
by Mrs. Robbins (of Ouse),
A Brown Bald Eagle seen by Mrs. S.
Mrs. Robbins soaring high over our
Berry Pasture at 10 a.m.

Yellow Warblers, noted at Concord
village on Apr. 26 by Dexter, appeared
here for first time to-day when
a ♂ was singing near our house
& another at Ruth's place.

Chimney Swifts very scarce. I
saw no more today than one daily.
No Whippoorwill heard as yet.

Duren came down to spray fruit.
Grady his pump, the first thing. Sallard
to it to, otherwise to be mended.
Mammals are used very hard from our.
The nesters are hatched all P. M.
Mrs. & Mrs. Robbins came down at 10 o'clock
could not have them any other

Boncorel (Farm)

Ther Thursday, May 20, 1915 Wea
Fine

Clear & cool with fresh N. W. wind
Heavy frost in lowlands last night.

Arrival

Hummingbird. ♀ at tulip front of house
7 a.m., ♂ at Columbine near barn 9 a.m.

North-bound Migrants

Tennessee Warbler ♂ 7-8 a.m. in trees
over road south of big elm, House
Warbler 1 ♂, White-thr. Sparrows 2 (1 ♂)

Local birds

No marked increase. But
Chickadee & Side Wrenblers apparently
more numerous than heretofore.

Spent most of day in the
woods with Bonabank spraying
bushes & low trees along creek beds.
He worked the pump & the
spray pipe. Gophers bad in spots
but not generally disturbed.
Only a few tame & fence birds.

(Dexter reports (by tel) 2 Bell's nuthatches
" 1 Canadian Warbler, 1 Tennessee
" 1 Red-bellied Nuthatch, 1 early bird woods
to day)

Boncorel (Farm)
Marsh Hawk killing Chickens.
Ther Friday, May 21, 1915 Wea
First flight migrant Warblers. Dull.

Light cloudy with light easterly to
southerly wind. Rather warm.

Arrival

Yellow-bellied Flycatcher 1 ♂ calling fee-e &
occasionally uttering che-lo song note in
west part of run near Cedar Park.
Water Thrush ♂ in same locality.
It was thronged with Warblers of
several species, ~~most~~ apparently north bound.
Among them some ♂ & ♀ Black-throated
Blue, a Magnolia, several Parula, &
Black-throated Green, a Black-burnian,
a Redstart, a Nashville & a ♂ & ♀ Golden
wing (by then bird well seen). There
was also a Swainson's Thrush &
a Barn. This was literally the first
flock of migrant Warblers that I have
met with here this month. I saw
none elsewhere to-day. Local birds
singing freely & delightfully at all
times. ~~flashing~~ air with their music.
Bonabank brought me food & wing of 1 owl.
Marsh Hawk caught about a week ago
by Jas. about Bonabank in that trap
baited with dead chicken
Sparrows all day with Dull in Berry Tree
& Bush Field.

Concord (Farm)

Ther Saturday, May 22, 1915 Wea
Heavy flight N. Woodcock & Dull.

Mostly cloudy with some sunshin
in forenoon & light rain in late P.M.
Increasingly warm & humid with strong
S.W. wind.

Arrivals

Cardinal birds (2) perched in bushy part
of woods, fly catching.
Lincoln's Finch. 1 x singing Hawk Wren-bills
Song (very like Wren's but more hoarse &
subdued) in T. only then. Another front
of hawk's. First in bush to the left bird.

Was seen also with migrating warblers for
an entire length at 8 a.m. Down birds &
Black & white Cuckoo most numerous.
One Magnolia & one Black-throated Blue.
Several House Wrens. Chipping birds
everywhere. Local birds also in great
numbers than warblers. Every thing
singing like usual whole forenoon.

Delicious bird music in continuous flood
coming from far & near.

A broken day. I did little work, but
I walked about considerably enjoying
the beauty of song birds & the beautiful
countryside of bird voices. Mr. & Mrs.
Dudley Pickman called at 6 P.M. I took
them all over the place.

Concord (Farm & Ball's Hill)

Ther Sunday, May 23, 1915 Wea
Clear

Clear & cool with high N.W.
wind.

No arrivals. Only north bound
migrant a Canadian Woodpecker in
one tree where species does not breed.
Two House Wrens singing in
Bush. First at 11 a.m., and
singing on Blackman Ridge by 6
or 6 P.M. At same time one Road
singing (Cuckoo) & Bellbird perching,
in Great Meadow.

All trace of the big wave of
north bound migrants here yesterday
vanished. They must have perched
on last night. Local birds as
numerous as yesterday but not
singing freely.

Mr. & Mrs. Robbins with Prof. Weston
came down by apt at 10.30. He
went through most of Town woods.
Dinner came at 3 P.M. I walked to
Ball's Hill with him to see about spraying
up Syring & Brown Tail Combs. And
these.

Concord (Farm)

Ther Monday, May 24, 1915 Wea
Sudden influx of Starlings - Mixed.

Forenoon: Sunny & warm & calm.
Afternoon: Cloudy with sprinkles or rain.
Arrivals

Wood Pewee 1 near house, all day 1
near Barnet Spring at 9 A.M.
Whippoorwill 1 near house 7.30 P.M.
Night hawk 1 perching " " 7.15 "
" 1 seen last in Concord - Dexter)

House Wren migrant
Ruby-crowned Kinglet ♀ in Birch Field
Magnolia Warbler ♂ & ♂ & ♀ in the
Canadian " " " "
White-throated Sparrow 1 ad, 1 im near house

Starlings. About 9.30 A.M. I heard odd
grating cries coming from our back pasture. They
soon uttered by Starlings 5 in number ♂ & ♀ ad
with 3 young only just able to fly. During
remainder of day these birds kept coming &
going slightly on ground in pasture & in
trees bordering it, uttering their grating cries.
Once I saw 7 together after 4 P.M. They were
very & restless. Flew off S.W. & back, always
following same line of flight.

A rather idle day for me. Spent most
of a part of day rambling about my grove
& garden. Country of timber growth has
abundant game. Went through Berry Pasture
& down to A. Spring 8-10 o'clock. Stopped
near house in P.M. Transferring a few
things.

Concord (Farm)

Ther Tuesday, May 25, 1915 Wea
Fine

Clear and warm with light S.E. to
S.W. wind.

Woods now well covered with foliage.
Maples, birches, elms and all oaks except
white, in nearly full leaf. Bullace &
claudens are blossoming together, the former
just beginning, the latter past their best.

No arrivals. Canadian Warbler the
only north-bound migrant except a
single Swainson's Thrush. Local birds
numerous & singing freely. (4) Starlings
in back pasture.

Spent most of forenoon working
garden & work near house. Fox and Lyle
came at 10 A.M. We walked to
Birch Field & back along the River
but noted nothing of interest. They
had heard the Juncos in Slope Hill
this morning.

John Lyle & George to Berry Pasture
after dinner. For sport after noon were
killing & feeding chow for birds.

Concord (Farm)

Ther Wednesday, May 26, 1915 Wea
Stormy;

Dark cloudy all day. Raining breakly
from 11.30 a.m. to 6.30 p.m.
Cool with strong S.W. wind.
Sky clear at 11, sun shown out & wind
came rushing from N.W. just before
sunset.

No arrivals. A ♂ Black poll Warbler
near house was the only north bound
migrant noted. Local birds not
much in evidence & not singing
freely, doubtless because of the
gloomy weather. The Robin has
been sitting on her nest on woodpile
in our shed ever since the 18th. She
has become so tame that I pass her
within a few feet. Yesterday she chased
& pecked at a Gray Squirrel that seemed
inquisitive about her nest.

Spent forenoon at head of Farm
road & in Berry Pasture, where
Bartholme, Zeph & George cut & piled
a lot of leaves & plums for fowls.
Spent afternoon on house writing letters.

Concord (Farm)

Ther Thursday, May 27, 1915 Wea
Ice thick as window glass Fair

Clear & cold with e.ging N.W. wind.
Ice as thick as window glass at Duran's
place in Carlisle. George reports it at
his shack at Ketchikan place. No damage
to any of our vegetation at the Farm.

Birds silenced & driven to cover.
Few seen & still fewer heard. No
north-bound migrants noted.

Mrs. Melvin & I had arranged
to motor to Lancaster this forenoon
to lunch with C. who, however,
telephoned about 9 a.m. that she
was not willing to have us risk
exposure of long ride against the
fair crop north west wind. It
blew a strong gale all day
despite which I did a lot of
spraying of shrubbery with one hand
apparatus in P.M., Bartholme
working the pump. In forenoon
we cut the grass in front of house.
Our little white Grey Rabbit was
freshening on lawn near head of Suffolk drive

Concord (Farm & Ball's Hill)

Ther

Friday, May 28, 1915

Wea

Clear & cool with easterly N. W. wind.
It took thousands of well grown young
cows from exposed tree tops &
steep ground & water with them
this way. Because of a few birds
sang freely & up at early morn
& towards dusk at which it was
least violent.

A ♂ & ♀ Black jacks at Ball's Hill
the only north bound migrant noted.

Spent day at Ball's Hill noting
down at 8 a.m., walking back via
Davis Hill at 4 P.M. Devoted most
of my time to supervising spraying
operations conducted by Dusen's men,
with George & Newcomb. They began
on east end of hill & sprayed thence
to the old log cabin way through.
The cottons & surrounding look & color
neglected & forlorn. Most of the flowers
are dead. Not many birds. No Wrens
or Robins. A few Red-wings, Song Sparrows,
1 Red eye, 1 Cowbird etc.
Richardson called at 3 P.M.

Concord (Farm & Ball's Hill)

Ther

Saturday, May 29, 1915

Wea
Tim

Clear & cool. Calm in early morning;
fresh N. W. wind in forenoon; chill N. E.
wind towards evening.

No north-bound migrants. Migration
apparently nearly if not quite ended.
Local birds as a whole in normal
numbers & variety except Bobolinks which
are scarce & their kind and Wilson's
Thrushes which are almost wanting.
Indeed I am not sure that any of
the latter are established anywhere in
our woods as yet, even at Ball's Hill,
which for I have heard only one
sing & hear but over.

Beckwith & Zeph, northeast corner of
foreman's house, a gate where
the east road enters field from house.
Everything went wrong with it at first.
As I was with them Mrs. Melvin,
Miss Hoffmann & two other ladies arrived
in day for Washington for weeks. I gave
them leave to take all my wash & my
clothes folded in car. Moved to Ball's
Hill after dinner. Drove spraying there

Concord Farm & Dr. Emerson's

Ther Sunday, May 30, 1915 Wea Fine

Clear & pleasantly warm with light westerly wind.

No north bound migrants. Local birds apparently all here & settled for season, for the most part in normal numbers & variety. Wilsons Thrushes, however, seem to have totally disappeared.

Shortly after breakfast I went with Bascomb to all the newly grafted apple trees to spray the tender young leaves on the grafts. These are especially sought by Gypsy & other caterpillars. After that rambled through woods to Bird Field looking for badly infested foliage. Returning to house wrote letters for two hours.

Returned to Ch. at 1 to dinner at the Emersons with Mr. & Mrs. at 1.30. Stayed until 3.30. Mrs. Geo. Hayes, Melan Hayes & John Gilman came while I was there. Back to farm by 4. Rambled about until 7 watching flowers etc.

Concord Farm

Ther Monday, May 31, 1915 Wea Fine

Brilliantly clear & delightfully warm with light easterly breeze. Bullcups in full bloom. Dandelions gone to seed. Iris is beginning to bloom.

Nighthawk perching at evening. No other north-bound migrants noted.

Local birds as far west for days.

Chipping. nest 4 eggs. Yellow Warblers, 2 eggs.

Screech owl dead wings off elm.

Blue jays venturing nearer & nearer house in quest of birds' eggs, uttering the low chuckling notes peculiar to such times of raiding. These were Robins. I know 4 of them from our orchard. Early this morning, I know of at least 2 of Robins' nests plundered of late presumably by jays, then sitting up, one in orchard.

Heard Red Squirrel in tree near foot of corner. The half grown white Rabbit came out at evening & seemed to frisk in meadow.

Spraying all day, by elm near house in A.M., & in rows near Cedar Park & elsewhere in P.M. Bascomb & I worked the tree outfit. Jays & Robins still present.

Concord (Farm)

Ther Tuesday, June 1, 1915 Wea
R. H. Dana arrived.

Brilliantly clear & oppressively
warm with light, variable
winds, mostly easterly.

No north-bound migrants noted.
Local birds incidentally all here,
& bellied for the season. Wilson's
Thrushes apparently wholly absent.
Brown Thrasher in full song at sunset.
Tree & ground singing of most
birds all day long. Here Phoebe
still one note by well known at
6 P. M. She began setting on June 8.
Since then I have visited nest
almost daily & never once found her
off. Cock Phasants mostly silent
now.

Spent forenoon in flower garden
with Beak & Legh. We touched
most of it, trimmed borders etc.

George & Walter stayed here?
big ones. Dick Dana arrived at
3.45 to spend night. He walked
through Bush Field & Berry Pasture in
last P. M.

Concord (Farm) & Ball's Hill

Ther Wednesday, June 2, 1915 Wea
Fine

Sunny but hazy. Very cool with
chill N. E. wind.

White-throated Sparrows in very dull pl.
feeding in road near our house. No other
north-bound migrants noted. Four pairs
Tree Swallows nesting in boxes at Farm,
three pairs in Benson's pasture.
Song Sparrows nest, 5 eggs, in Pine Park
very effectively hidden under tuft of
Andropogon grass.

Snails continue scarce but I have
seen one each of four species (Milk Adder,
Giant, Green & De Kay's) this spring.

Dick Dana had disturbing news from
home this morning as Mrs. Dana had
just had a chill & high temperature.
He decided, however, to stay on here
through forenoon. He walked to
Ball's Hill via Benson's & back via
Holden's Hall where on Jan 2 young
Red-throated Hawks almost full grown
& fledged standing on nest on Chestnut
flapping their wings, & parents soaring high
overhead in silence. Dick left at noon
I went to B. H. again on P. M. then through

Concord (Farm & Ball's Hill) - Cambridge

Ther Thursday, June 3, 1915 Wea
Fine

Sunny but heavy. Cool with fresh
N.E. wind.

Mowing most of day with George.
Two of our men who brought
his old hand pump apparatus, which
still does good service. We spent
forenoon in Pulper Brook woods &
Back Field dealing chiefly with big
swaled oaks. In afternoon we went
to Ball's Hill where, however, we did
not stay long. The oaks on the
crest of this hill are very badly
infested with spruce sawflies.

Heard a black-throated blue bird singing
thru a pine & saw a pair of
Wilson's Thrushes on edge of swamp.

Many birds singing in Pulper Brook woods.
a black-crowned night heron, great blue heron,
a heron & yellow-bellied sapsucker.

Left at 8 & left Farm at 5.45
P.M. & reached Cambridge over
Bradford & Lexington & Haverhill.
C. & S. R. S. at home, the latter in bed
with badly sprained back.

Cambridge - 1915

Ther Friday, June 4, 1915 Wea
Siegfried at Stadium Fine

Sunny but heavy. Very cool with light
easterly wind.

In Garden: Robin 2 ♂♂, Redstart ♂ ad. &
in yard, Canada Warbler ♂ (in shrub),
House Sparrow (2 ad & 4 juv), Evening Grosbeak

Got out several essential things &
yesterday, I wrote letters
until he returned & then Harold for
shopping in Harvard Square &
hair cut. Was at a party
and of course I was a bit late.
at Martha's, bought tickets
for Washington & put back California
fruit basket & then, Mrs. in safety, went
home by 4 to write more letters until 8.
Dinner at 6. Started for Stadium at 6.30
with G. Larry Felt & Mrs. 6.45 at
Stadium & walked back at midnight.
Stadium well filled. Beautiful game.
Grass, Schumann, Hummel & Godeke song.
we were very much interested.

Cambridge.

Ther Saturday, June 5, 1915 Wea
~~Fine~~ Starting in our grounds ~~Fine~~

Sunny but somewhat hazy. Cool with
fresh easterly wind.

& starting early in town part of day.
in garden: 2 ad. Robins (one in full,
one not long past of afternoon), Fieldlarks, 10,
House sparrow, Blue Jay (heard), 4 Starlings
cawing about together at sunset.

Night hawk heard shortly after sunset,
quite distant, towards Howard Street;
heaped light on two times & on each
occasion I thought but saw nothing.

During much of forenoon & afternoon no
birds could be heard singing in any
one place. Never before has it been so
so barren of bird life. Even the Red-eyed
Vireo has deserted us.

Two boys, Teddy Eliot & Thompson, who
called to see me in P. M., brought back
& a whistling bird near Kennedy's, & a bird
& a whistling bird in Ball's View. They
told a & a whistling bird from a bird
Tennyson. But I was told that the
birdman showed it for me.

Had also met to start for Washington at
3 P. M. today. I had to go to England but
even up this morning because of change
of plans of Gladstone. Spent day in
museum.

Cambridge

Ther Sunday, June 6, 1915 Wea
Stormy

Dismissed cloudy with chill easterly wind
and heavy rain fall beginning at 10.30
a. m. and continuing into the night.

In garden - a Robin singing freely, un-
der a tree & Fieldlark frequently, before the
rain began.

Spent day in Museum working
on several notes, finding new data
into my field books etc., copying
arrival notes to be read at the hall
since leaving it. I have been busy.

William's student called in forenoon
to talk over his paper on the
evolution of the bird. He will
try to have them accepted by the
Atlantic Monthly or the Century.

Then dinner with us.
We had Beethoven music after dinner
& again this evening. I have just
got half a dozen new records from
the Victor & I am going to
see how they sound. I am also
going to see how they sound.

Cambridge

Ther

Monday, June 7, 1915

Wea
Dull.

cloudy & cool with occasional
brief intervals of sunshine

In garden. A Robin & a Redstart
singing. A mother Robin calling
anxiously. I thought I heard her answer
by young. A this year's Robin's nest in
space on lawn very soon crumbled down.
There seems to be only one breeding
pair of Robins in our garden. I
doubt if any thing else is breeding.
These young Robins appear & healthy
than Redstarts.

Spent day in Museum working
on birds & bird nests.

Had a very interesting
meeting this evening. Several
other people of mostly old friends
present, including, I think,
Miss, her son, Miss, son &
others. The question was raised
& discussed.

Cambridge

Ther

Tuesday, June 8, 1915

Wea
Dull.

Thin cloudy with a few light showers.

In Garden: A Robin singing superbly
all day long in cobwebs by house.
Another male answered him at times.
Saw also a ♀ and two young on wing but
not long out of nest. How they can have
escaped the Crows & Jays (both seen
in high to-day) is a mystery. These
two male Robins were the only birds of
any kind heard singing to-day. But I
saw a pair of Goldfinches in a leafy tree
and a ♀ sparrowhawk & a flycatcher flying
overhead. A Night hawk was perched at
sunset and a Fieldfare strutting, both called
far away.

Spent most of day in Museum,
sorting letters etc. At 1.15 went with
C. to "wedding breakfast" at the
Albany where Anna had married
to Mr. Percy Bidwell half a century ago.
Have crowded with letters & papers.
Called on the Spelmans this evening. They
have a room full of seeds.

Cambridge.

Ther Wednesday, June 9, 1915 Wea
Perfect.

Sunny & warm with light so it is

in a way. Robins σ^7 singing generally
frequent intervals all day, ϕ & σ^7 ,
several young of two birds & completely
different birds. Catbird - a silent one
in jungle, seen in forenoon & afternoon.
Singing σ^7 singing about in the
at 11 A.M. or thereabouts. Warbler 2,
red 1, Townsend Gnatcatcher σ^7 on lawn.
It is strange that we have no Red-eye
this year. I heard one singing this
morning in nearby woods. There I am
told of others going up to the
near the middle place.

Spent most of day in garden
working with & comparing birds & a
by way of the garden. Then
sprayed and was in garden
in late afternoon with some plants &
the other one & brought back
cherry since that day ago.
G. in the garden with some small
plants. It is very beautiful.

Cambridge-Concord.

12 Ther Thursday, June 10, 1915 Wea
Fine

Clear & cool with strong N. wind.

In Garden Robins (σ^7 σ^7 & ϕ sev. young),
Red-eye σ^7 & ϕ (in jungle & windows all day /
Flicker, σ^7 on stone flogging front of
Museum seeking ants by pecking up the
nest between the stones & turning in his
elbowish tongue (I saw another bird of
same species similarly engaged in same place
several years ago). Chipping Swift, 4
cawing overhead. A few House Sparrows.

Spent forenoon walking with Percy
seeing out birds etc. Gilbert & I started
at Concord at 2.45 in Ford car.
As we passed Elmwood, I heard a
Warbling Vireo singing. Saw a Green
Heron & a large colony of Cross Blackbirds
in a brush-ground pond near the "Pond
House" house. Stopped at Brook-Field.
I went to see vireos in bloom & orchard
a lot of them for my delivery. Reached
Farm at 4.15. Walked about until evening.
Barred Owl hearing soon after sunset W. of
Perry Pond. Two Whistlers with some other
later. W. on dark shore of pond.

Concord (Farm)

Ther

Friday, June 11, 1915

Wea
Fair

Mostly sunny but rather hazy.
Warm with strong southerly wind.
A few rain drops at evening.

Walking at day break I listened
attentively to a beautiful chorus
of bird music. Robins began it when
there was seen a trace of light in
the east. They were followed by Cat
birds, Chipping, Song Sparrows, W. Wren
Maryland Yellow. After the v. a Kingbird
all these ~~birds~~ joined before the
Whippoorwill joined in. Oriole
began later.

Most of our local birds sang
freely through day. The only one I
expected to hear but failed to was
the Tanager. All the rest seem to
have escaped injury from spraying.

But some thing untoward has happened
to our two Swallows. I kept 4 breeding
pairs here on the 3rd but can see only
one now - in box on grape arbor.

Spent most of day working in
flower garden with Barbours & Group.
Walked thru Berry Patch. Thayer &
bird theme. The other day I was

Concord (Farm & Fairhaven Bay)

Ther

Saturday, June 12, 1915

Wea

Fine
Pair of breeding White-thr. Sparrows.

Clear and warm with high N. W. wind

Spent most of day at Farm. In forenoon
supervised erection of a chicken fence.
In afternoon sprayed grafts in Berry
Patch & down unfaded grass in
Cedar Park. Most of our spraying has
proven very effective this year. Few
flies in or near the Farm show much
badly eaten foliage.

Motored to Concord at 5 P.M. to go
with Dexter to the Shaw place south
of Fairhaven Bay. Took Harry Richardson
with us. Dexter had heard one & he thought
two White-throated Sparrows there on the 10th.
One began singing soon after we reached
there. He had a rather thin, weak voice
but proved to be a very handsome adult.
He finally found him & his mate, a dull f,
among dense young white birch & grass.
jumped on steep hillside close to driveway &
near house. Both birds very tame & very near
during close & chirping incessantly. Both out
question they had a nest, probably with young,
close by. Saw 2 Tanager go in nest in
white pine within 15 ft. of house. Much dark
purple. Another Field sp. singing. Home by 7.30

at 2 P.M. started Woodcock 600 ft. in Berry Patch when Carl took cross back. This was
rather a long walk (2.6).

Concord - Cambridge

Ther

Sunday, June 13, 1915

Wear
Fine

to eat & cool with fresh easterly wind.

at 7.00 at 7. Out in garden by 7.30
Cutting raised. Birds singing gloriously.
Warbling vireo in oaks over road.
Nighthawk high in air, peeping. Last
night I heard many ~~thousands~~ ^{thousands} singing
at once to and fro about the house.

sent & ✓ started for Cambridge at 8.08.

We had a delightful run via Oxford,
Birmingham, Stoke Newington & Haverly.

Rounded narrow - at 9-15. Flowed
C. on rock in water looking white & smooth
Scattered about sea. Japanese label.

She & I went to Church at St. John's.

From Hodge's reached a good decision.

Diek House, near Katurung, C. 92

called on the Adams, but all you
dined with us. I wrote letters in

P. H. After dinner called on his
specimens to show them some of the
irides brought from Concord.

Heard only a Robin singing in
garden.

Cambridge - Boston.

Ther

Monday, June 14, 1915

Wear

Clear & oppressively warm & humid.
It is said the temperature rose to 90° in P.M.

same birds: only a Robin singing.
A Jay flitting through lilacs and a Vireo
flying about at evening. Several members of
House Sparrows & perhaps half a dozen.
Geese still making a great show.

Went in town at 9.30. At office
most of time up to 3.30. Signed diplomas
for various members' readings. Got
copy of issue Post April 28, containing charges
against Dr. Field. Telephoned to him at
Sharon but he was not there or couldn't
reach his house, I was told. Saw J. Jones
in his office & had a long talk with him
about the Field case. Also talked
about it by telephone with F. H. Allen.
Field is said to acknowledge the truth of
most of the charges. He says he is not
thought to have consciously done wrong-
d & his friends will try to make him feel
safer. After getting home at 4.30 I
wrote a few more minutes before all night.
He telegraphed me on evening day saying
he is in hospital. C. V. has been here
in hospital since last week.

Cambridge

Ther Tuesday, June 15, 1915 Wea
Dull.

Dull, cloudy & very cool with
chill east wind & a few brief showers.

In garden: Nothing singing save a
Robin but he was a clear-voiced bird
and sounded fine indeed. At least 4
young Robins were flitting about together
in the jungle. Saw a silent adult
Chaffin on the ground in one of
the garden paths. A few House Sparrows
completed the list of birds noted.

The Red-eyed Vireos since the other
day have evidently departed. I heard
a male in full song yesterday in
the old Wykeham place on Sparks St.
The birds singing at Somerswood as
we passed that way last Sunday.

Spent most of day in Museum
writing letters. Went to Harvard Square
by car on way to visit Dr. & P.
Sawing back. Walked home of way
home. G. & I had excellent luncheon
in hall this eve, dining much better.

Sumbridge.

Ther Wednesday, June 16, 1915 Wea
fine

Sunny and rather warm with
light westerly winds

In Garden noted Robins (one singing),
a few House Sparrows, a Jay, one
or more Crows, a swift flying about.

I also got Vireos & singing near West
Camp. Ind. Chaffin seen in Mr. Porter's
garden, Berkeley Street.

Spent forenoon in Museum writing
letters. Went to Harvard Square
2 P.M. & stayed in Dr. & P.
Found similar changes in the room.
The Almond tree with flowers now
by Maynard in last year, by
the house & house in which & by
Cassam's house in front.

Had a talk with Mrs. H. about,
largely about the birds. Talked
well with Porter who seemed to
his attraction with garden.

Had street car on way home
to discuss School Children visiting Museum.

Cambridge, Wolfboro

Ther Thursday, June 17, 1915 Wea
Stormy

Cloudy with several heavy showers.

Boston for

Left Wolfboro at 8.55 a.m. Miss
Hacker & niece on train. Looked out
thru. pane of car. Looked in vain
for signs of gulls & barn bit ravens.
The foliage of oaks & orchard trees around
way where we passed by them & in
unmarked contrast with conditions at this
season in former years. Saw very few
birds - among them a Green Heron.

Reached Wolfboro about 12.30.

Haley met me at station & took me
to his home. He walked about
Academy grounds & to Lake House, spent
dinner. Birds literally swarming on grass.
Seeing that there were many there.
I saw & heard many more than in
any previous time for over twenty years.
Horn Sparrows seemed comparatively
scarce. Lots of Thrashers & Juncos.
The big swallows nesting on Academy
building but none flying over lake.
Spent evening in hotel, talking

Wolfboro, N. H.

Ther Friday, June 18, 1915 Wea
Fair

Clear & moderately warm with light N. wind.

Strolling up village street after breakfast I
heard a delightful concert of bird voices,
reminding me of conditions in Cambridge fifty
years ago. There were Robins, a Bluebird, at least
three Mockers, two Yellow-throats & one Red-eyed Vireo,
two Yellow Warblers, two Orioles, a Wood Pewee,
and a few least Peewees, Chipping Sparrows. Flocks
of Towhees, the latter were in great numbers.
Robins, Peewees, birds & song sparrows were
singing. Martins, Swallows (Tree & Barn) &
swifts constantly in sight gliding swiftly &
chattering. Big colony of Martins in tree
house on Mrs. Martin's farm.

In Academy at 9 a.m. Brief devotional
service & address. Miss Ireland, about to
leave us, presented with 10 pictures by people
of local interest about grounds with Haley.
Then to Lady Abbotts. Dr. Scott there.
Lunch at the Academy. Then to home
by 11 a.m. Meeting 1-2.30. Then to school
by 2.30. In home meeting 3-4.30.
Meeting 4.30-5.30. Then to home
meeting 6.30-7.30. Evening concert with

Wolfeboro - Cambridge.

Ther Saturday, June 19, 1915 Wea
Fair

Early morning cloudy, sunny through
much of day. Heavy snow late P.M.
sunny & turned with light S. wind.

Left Wolfeboro at 8:40 A.M. & reached
Boston at 12:45. Had dinner here
of 3/4 hour at noon. Had more
of time taken & in car. Left met
me at North Station. Home by 1:10.
Dined with C. on back piazza. Had
letters in P.M. Harry Barthel
called this evening to talk over
a dinner being food for Ben Johnson.

The dinner meeting yesterday was
attended by Judge Hall, J. K. Bond, & this,
myself, Mr. Scott, Oscar Young &
myself. Galloway was called at & would
not be there, I made the trip at
expense of much pain & a headache
trouble.

Cambridge.

Ther Sunday, June 20, 1915 Wea
Mixed

Fair, more cloudy with heavy thunder shower
(11:30 - 1:30), after some sunny with light,
pleasant breeze.

In Garden: Robins, 3 adults on lawn, several
young in trees; Blue Jays 4 young in lilacs
keeping well together & making a variety of odd
noises; Crows, one in Catalpa, by museum,
another circling over it; Swift heard at
evening.

C. & I attended the first service
at St. Paul. Dr. Hodges preached his
last sermon before going away for his
cathedral year of rest. There was
only a slim congregation. The
rhododendrons in Bishop's place still
making a fine show although past
their prime.

Miss Allgeier arrived with notes for
them. Mr. Sanders called in P.M.
to discuss Lipp's letters & Harry Barthel
in coming to talk over the removal
fund disbursements.

Cambridge - Boston - Concord.

Ther Monday, June 21, 1915 Wea
fine

Clear & cool with light westerly breeze.

In Garden: Robins (singing), Jay (heard),
Chickadee (♀ ad., probing for ants in seams
between flaps front of house), Cross
Blackbird (♂ ad. on lawn), House Sparrows
(singing).

To Boston at 10 30 a.m. Spent
afternoon of two hours in office
seeing Arthur, Gallagher & Dorsey.
Signed lease of Boston Dormitory
to Boston Fine Academy. Met
Harry Bartlett by appointment at
5-3 Devonshire St. & introduced him
to Geo. L. Bennett & Miss Berry. He
was paid (by check) \$125. to send
to Kenneth. Quacked at Marston.
Took 2.40 train to Concord where
Gilbert met me & escorted me to Farm.
Rambled about until after sunset.
Vegetation flowering after warm rains. Birds
singing well especially Robins. Cherries &
strawberries ripe. Flowers back on fire.
No trace of getting on brown tail devastation
between Boston & Concord seen at any place.

Concord (Farm & Ball's Hill)

Ther Tuesday, June 22, 1915 Wea
fair

Forenoon sunny & warm. Cloudy after
3 P.M. with rain at night. Light
southerly breeze with intervals of dead calm.

Rarely have I heard Robins sing so
freely & so well as they did to-day.
From day break to dark they kept it
up almost ceaselessly, often two or three
at a time close about our house. For
me there is no bird music more satisfactory
on this whole North than that of the Robin.

The Hermit in Birch Field singing well
at 3 & 4 P.M. Two Wilson's Thrushes singing
& then calling in Ball's Hill Sun. 3.15 P.M.
On B. H. a Pine W., Black-thr. Green, 2
Black & White, Downy Woodpecker, 1 Starling.
2 Redwings, 3 Starling Sp. 3 Song Sparrows
seen near. ♂ Hummer at 7 a.m.
Orchids then from, but a dead one.

Spent a.m. working on the flowers
labeling roots, weeding etc.

Dexter came down to dinner & spent
most of afternoon when we walked to
Ball's Hill & back via Davis Hill.

Concord (Farm)

Ther Wednesday, June 23, 1915 Wea
Fine

Clear & cool with light variable wind, mostly easterly. Very cool at noon & eve. when we had breaks open fire in two rooms. Crops growing. Seem at all deficient abundant moisture.

Birds singing freely all day. Robins at least twice as numerous as in May & early June. They sang gleefully from early morn to late eve. I heard at least 3 near home, two in Berry Pasture, one at Rabbit Flan, one in Birch Field. I must have seen not less than 15 adults besides several young. They do not seem to be eating either cherries or Strawberry.

Spent most of day working in flower garden with Beulah & Lizzie. We worked it thoroughly. Walked to Berry Pasture, Rabbit Flan & Birch Field in late P.M. About went to Cambridge for day to visit C. to Beulah & Gertrude Plummer

Concord (Farm)

Ther Thursday, June 24, 1915 Wea
Fine

Clear & cool with fresh N.W. wind. Almost frosty last night.

The Robin chorus to day surpassed anything I have heard here for years. It lasted throughout the day. From 5 to 7.30 P.M. at least five birds were singing continuously within fifty yards of the house with others heard more faintly further off.

The Orioles were feeding young in the nest over the shed coming & going alternately. Both sexes sang freely & used precisely the same set of song notes. They always flew afar off in quest of food.

Dusen & Wollon sprayed the elms close about our house this morning & then went to Twin Park to spray along road to Benson's Crossing. I was with them here until 11.

Mrs. Melvin called just after dinner & took Thelma on 4 P.M. I did some gardening between times.

Concord (Farm)

Ther

Friday, June 25, 1915

Wea
Fine

Clear & warmer with light westerly breeze.

Robin chases about everywhere but still strong especially in late P.M. A cat bird in full rapturous song all day long in lilacs near head of lane. He mimicked several birds, among them the Whippoorwill rather closely but feebly. Oriole, Tanager, Indigo Bird & Red eye singing freely. Wood Pewee & Yellow thro. Vireo silent & perhaps going. I do not think the Wood Pewee had a mate for I always saw him alone. The House Wren in front of house still feeding young in box & then to in full song. The other two pairs I neither see nor hear now.

Spent most of day with Benford & George. We poured apple trees & worked from birds in lane.

Called on the Hovers this evening. Miss H. tells me two pairs of Starlings have found their way into the house. Many fireflies out as I walked back at 8.30.

Concord - Cambridge - Manchester

Ther

Saturday, June 26, 1915

Wea
Mild

Visit the Danes

Mostly sunny but partly cloudy with heavy Thunder Storm in early morning and especially heavy downpour without thunder in late afternoon.

Leaving home at 8 A.M. first visited on first to Concord where I spent half an hour with Mrs. Melvin. She gave me Jim's superb field glasses. We went to Cambridge & Concord looking in of Melvin-Ford's lot. Lots of birds singing among them were Plover & Solitary Vireo. Left village at 9 and went to Cambridge via Sandy Pond & Middle Br. Reservoir. At latter saw 3 Thrushes, an Olive backed, 2 Spotted Sandpeps. No signs of much migration anywhere along way. Reached home by 10. Went in town just after dinner & took 2.22 train for Manchester. Dick Dana met me at station with his new Cadillac car. On reaching home I was introduced to his daughter Mrs. Hutchinson, to his son Harry, to Miss Mary Campbell (whom I used to know & dance with in the late '80's) & 4 other married sisters. Mrs. Dana & I walked about his woods in late P.M. Saw a large Woodcock in a brook. Many other birds. Saw a crow in house with many others & a cat. The night was very dark.

Manchester - By the Sea

Ther

Sunday, June 27, 1915

Wea

P. 100°

Brilliantly clear & deliciously cool with
light easterly breeze

A few birds singing near home, early
morn, Pine Warbler, Blue. Ch. Green,
Robin, Chipping, Green bird etc. Notes of
song breathing on rocky ledges & sand beach
C. in soothingly to my ear through open
windows all night long.

Will & I strolled about grounds after
breakfast. We returned to Church Col. at
Dean Hedges preached an excellent sermon
on the Great War. Two song sparrows
singing very near church all the while.

Will & I walked along beach and
through the bones' beautiful flower garden
in late P. M. A year ago "Giddy" bones
told us though it. He had lost interest.

Dr. Hedges called in mid afternoon
We had a good long chat in parlor, he
& I smoking cigar the whole time. I saw
the longfellow's sister & I spent the
evening then together. I have not seen
Edith Dana & shall not this time. I
will call on Mrs. Hedges.

Manchester - Boston - Cambridge.

Ther

Monday, June 28, 1915

Wea

P. 100°

Clear and very cool with light N. wind.

Will & I roamed about his beautiful place
for an hour or more after breakfast. I left
it at 10.15 to take 10.35 train to Boston.

Reaching there about 11.20 I went to an
office & spent upwards of an hour
signing all the quarterly sales orders,
talking with Arthur, G. K. & J. G.

In way out stopped at Harvard Square
to have hair cut. Home by 3.30.

Found letters & news through garden
with Percy. Three Robins, a Thrush,
a Grackle & about 15 House Sparrows
were all the birds to be found there
one of the Robins sang a little. We heard
a single cowbird.

G. K. & I spent evening in hall
listening to music & singing
to orchestra music.

Cambridge - Concord - Cambridge

Ther 85° Tuesday, June 29, 1915 Wea Fine

Clear & very warm with light westerly breeze. According to evening papers the hottest day of year thus far.

In Garden: Robins (1 ♀, 5 on lawn, 1 young bird came down lawn chewing into C's fern place); Grackles (2 on lawn); Flicker (1); Downy W. (♀ ad in very ragged plumage hopping about on ground under spray of hose); Swifts (3) flying high at evening; House Sparrow (15+, mostly young)

Leaving Museum at 10-30. Left at 10-30. Arrived at Concord via Haverley & E. Exp. In pond near new Peacock woman's house saw adult Billie leg deep in water. Several Red-wings there. Home from museum. Reached home at 11.40. Pairs off George & Barbara. Walked to North Field after luncheon. Heard chicking noise. Some ovals in grass. Skipped by 770. Bird noise mostly white. Started back at 3.36 & reached home at 4.46. Heard C. & played back in morning. E. R. D. gave to William Brown.

Cambridge.

Ther Wednesday, June 30, 1915 Wea Fair

Very sunny, light breeze. 7.15. 1.15. 5.15. 7.15. 9.15. 11.15. 1.15. 3.15. 5.15. 7.15. 9.15. 11.15.

1.15. 3.15. 5.15. 7.15. 9.15. 11.15. 1.15. 3.15. 5.15. 7.15. 9.15. 11.15.

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1.15. 3.15. 5.15. 7.15. 9.15. 11.15. 1.15. 3.15. 5.15. 7.15. 9.15. 11.15.

Cambridge - Glendale

Ther

Thursday, July 1, 1915

Wea
Dull.

Light cloudy & rather cool with moderate winds, mostly westerly. During the latter part of last night and for an hour or two after daybreak exceptionally heavy rain fell after the manner of a violent thunder shower but unaccompanied by thunder.

Our garden walks flooded by it up to 9 a.m.

I & I breakfasted together for the last time this summer. She had an appointment at Dr. Spear's office at 1 P.M. to undergo a thorough physical examination the results of which I cannot know for several days. It was arranged for by Dr. Goldthwaite & by his wish. I wanted to remain in Cambridge because of it but G. refused to have me do so, preferring to be alone. So I started for Glendale by 10 a.m. train. Gilbert met me in town with all my baggage. The

journey uneventful save for engine trouble that delayed us half an hour near Worcester.

Reached Glendale about 3.40. Don met me at station. Found Mrs. French & Margaret at house & also two guests Miss Harbeck & Mr. Thompson. Spent evening in study.

Glendale

Ther

Friday, July 2, 1915

Wea
Rainy

Dark cloudy with prolonged and exceedingly heavy thunder showers in afternoon and evening. Between 7.30 & 8 the rain came down in torrents flooding hollows and washing out gravelly spots.

Spent most of day in my room writing letters. Mrs. French "at home". 4-6 P.M.

Only six or eight people came among them Mrs. Crownshield & Mrs. Doane. We had to remain in study because of rain. I kept her there until 8 P.M. when we had dinner. Mrs. French & all other guests went to a dance in basement at 10 leaving at 3 next morning. Don & I sat up until 11 in the forenoon, talking.

Most of the usual birds are here in the usual numbers & still singing song but there are no House Wrens this year.

Just heard Thrushes singing distinctly at noon & even. Through day I hear Robins, Downy Woodpeckers, Purple Finches, Phoebe, Chipping, a Field Sparrow, Indigo Bird, House Wren etc. There has been a Parula Bird with today.

Glendale

Ther

Saturday, July 3, 1915

Wea
Time

Partly sunny, partly cloudy.
Rather cool with light variable wind.
Very heavy thunder shower 8-9 P.M.

Spent forenoon in my room
writing letters. At 4 P.M. went
with Dan to the seat in the
back pasture where we remained
about two hours, talking. Birds
singing far & near delightfully.
Never before have I heard anything
like so many there. The song of
a Hermit floated down from the
ridge above & that of a Veery &
a Peewee bird rose from the
sawmills below. Robins sang incessantly.
Close about us in Hawthorn thickets
sang Black-burnian, Black-thr. Green
& Magpie Warblers. There are
also many birds there usual close
about the house, among them
Robins, Phoebe, Wood Thrushes (2),
Wood Pewee, Oriole, Solitaire, Red eye
& Yellow-thr. Vireo.

We all sat in harness talking through
evening.

Glendale

Ther

Sunday, July 4, 1915

Wea
Time

Clear, warm & humid with light
southerly wind.

Spent most of forenoon in
my room writing letters. With Dan
& Mrs. French motored at 1 P.M.
to Stockbridge where we dined
with Mr. & Mrs. Crownshield, their
son, Mr. Harris and Mrs.

Montgomery Sears whom I have not
seen before since she was Sadie Choate
& lived with us in Cambridge. We
had a good talk about this early
days. She is still a handsome woman
with no trace of gray in her abundant
hair. Birds of various kinds singing
everywhere about the house & in
the village. After our return to
Chesterwood Dan & I walked around
the wooded side of his ridge.

We were treated there to a glorious
concert of Wood Thrushes, hearing
no less than four of them at one

Glendale - Leno

Ther

Monday, July 5, 1915

7 Wea

Clear & cool with light westerly
wind. Showery in early morning.

This, my sixty-fourth birth-day,
passed very pleasantly. The only note
taken of it as such came by
the morning mail from C. in the
form of a little note enclosing a
ten dollar gold piece.

I spent much of the day
in my room writing letters.

At 4 P.M. Mrs. French, Dora & I
crossed to Stockbridge to a
meeting of the Plant Club at
Joseph Choutin's. It was well attended
and the room (of no great size)
uncomfortably packed. Fierles gave
us an excellent talk on Bird Mice.
Afterwards we walked about the
beautiful grounds & flower gardens.

I met several acquaintances of long
 summers ago - Miss Karlsson, Miss
 Meyer, the Messes Colson. Later still
 we motored to Genoa to the big
 hotel on the ridge where I had supper
~~in the~~ ^{in the} ~~house~~ ^{house} about 7 P. M.

viendak

Ther

Tuesday, July 6, 1915

Wea

hear and ask

I had been told that the best place to go was
 to the north of the town, where the mountains were
 high and the air was pure. I had heard that the
 people there were very kind and that the food was
 good. I had also heard that the scenery was
 beautiful. I had been told that the best time to go was
 in the summer, when the weather was warm and the
 flowers were in bloom. I had been told that the best
 way to go was by train, and that the train was
 very comfortable. I had been told that the best
 time to go was in the morning, when the air was
 fresh and the sun was shining. I had been told
 that the best place to go was to the north of the
 town, where the mountains were high and the air
 was pure. I had heard that the people there were
 very kind and that the food was good. I had
 also heard that the scenery was beautiful. I had
 been told that the best time to go was in the
 summer, when the weather was warm and the
 flowers were in bloom. I had been told that the
 best way to go was by train, and that the train
 was very comfortable. I had been told that the
 best time to go was in the morning, when the
 air was fresh and the sun was shining. I had
 been told that the best place to go was to the
 north of the town, where the mountains were
 high and the air was pure. I had heard that the
 people there were very kind and that the food
 was good. I had also heard that the scenery was
 beautiful. I had been told that the best time to
 go was in the summer, when the weather was
 warm and the flowers were in bloom. I had
 been told that the best way to go was by train,
 and that the train was very comfortable. I had
 been told that the best time to go was in the
 morning, when the air was fresh and the sun
 was shining. I had been told that the best
 place to go was to the north of the town, where
 the mountains were high and the air was pure.

Glendale

Ther Wednesday, July 7, 1915 Wea
Mixed.

Forenoon sunny, after ~~noon~~ cloudy
calm & sultry with a downpour of
rain about sundown.

Spent most of day in my room
answering letters with which I have
been simply deluged from various quarters
of late. Dore ceased working at 4 P.M.
after which we visited the hill side
where he is at work on his little preliminary
design in clay for the Lincoln Memorial
Statue at Washington. Next we
strolled down the road to Mrs Warner's
fixing her, whom we left her a year ago,
among her flowers. They are no less
beautiful and interesting than of yore
despite the pathetic poverty & emaciation
of their surroundings.

Returning to our own flower garden
we found in it two ~~to~~ Hummers acting
very strangely. Showing no unfriendliness
to one another they kept darting to & from
flower to flower & to perches in a
humble way as a whole when they either
alighted very near together to preen their
feathers in apparent amity. Sometimes one
would brush past the other without any

Glendale

Ther Thursday, July 8, 1915 Wea
Clear.

Forenoon sunny with a light breeze
from the west. A few clouds
in the afternoon but no rain.
The temperature was about 80°
at sundown.

That comes from the sun.

could not be headed
without serious risk of drawing. The
sun was in the west, it was hot
and the air was very dry.

The birds were
as usual, some by the
red eyes bay or
can be seen in the
air.

house - the dis,
acting as the, flying

Glendale

Ther 72° may. Friday, July 9, 1915 Wea Perfect

Brilliantly clear with light westerly wind & soft, yet bracing in. Light clouds on horizon, over hills very beautiful as seen from town.

Bird songs obviously beginning to die in quantity within the past few days.

The Red-eye still vocal at all times but the Hard Throat & the Robin are fast lapsing into silence.

Spent most of day in chase and hunting & working birds. The weather was 4-6 P.M. about 100 miles high in the air.

Carriage. A very thin woman Mrs. Barlow, cousin of Alex Agassiz, and her friend Miss Susie Rottis who was formerly, she told me, an intimate friend of G. I found her very agreeable and well known all about the place where she suddenly arrived yesterday. Mrs. Clark, & her daughters Sarah, arrived. We spent evening in park

Glendale.

Ther 80° Saturday, July 10, 1915 Wea Fine

Sunny but heavy with "masses" of rain.

Light drizzle of rain in morning and evening. 2 P.M. rain fell in heavy showers.

Spent day in chase and hunting birds. The weather was 4-6 P.M. about 100 miles high in the air.

Spent afternoon of day in chase and hunting birds. The weather was 4-6 P.M. about 100 miles high in the air. I was delightfully surprised to find that with the loss of the birds I had been searching for & to find singing far & near. A Yellow-rumped Warbler flitted close about us. Green Herons, Blue Herons, White Herons, Barn Swallows & Swifts constantly on sight. (Over 3 Barn Swallows passed. The roaring of the waves rapidly fell on our ears. Interspersed with the roar of surf on a sea beach. We spent a fairly boring in further

Glendale

Ther

Sunday, July 11, 1915

Wea
Fair

Forenoon. Sunny; after noon cloudy.
Heavy & humid with light breeze
wind. Heavy rain after dark.

Leaving the house about 10 a.m.
and I visited his place
located across the road where
a small pond is.
The pond is very small and the
water is very muddy.

We found enough wild strawberries
raspberries & thimbleberries to make
a finger food. It was very
hot in brushy woods and there
were more mosquitoes than one of ten
encountered hereabouts.

We spent most of the afternoon
in our house on the piazza
where Mr. Bowler made us a rather
long call. At six o'clock Dan
left for New York not to return
until Tuesday night. Evening spent in
parlor talking with Mrs. French,
Mrs. Clark her daughter Sarah, & Margaret.

Glendale

14

Ther

Monday, July 12, 1915

Wea
Dull

Raining hard all last night &
drizzling through much of day.
Rather warm with light breeze.
Sun out bright after 5 P.M.

Spent most of day in room writing
letters. Left it at 5.45 P.M. and
walked down the road to call on
Macintosh. He was taking his driveway
but invited me into his parlor where
we chatted for upwards of an hour,
mostly about the war. He treated me
to cookies and sugar-coated dates.
With Mrs. French, Mrs. Clark, her
daughter Sarah and Margaret French
I spent evening in parlor, talking.

Two Wood Thrushes singing at evening
near Gladys & one near Katie's. A
Hermion in full song on S. St. at 6 P.M.
Robins mostly silent. I heard only
one and he sang only feebly.

Young Rabbit (or Hare?) appears on our
lawn almost every evening.

Glendale

Ther

Tuesday, July 13, 1915

Wea
Fine

Morning brilliantly clear. Clouds gathering in afternoon as if for another rain storm. Very warm all day with light southwest wind.

Writing letters all forenoon and most of afternoon. They keep coming in very numerous numbers, forcing me to devote almost all my time to answering them. As I worked at this table to-day the songs of two Red-eyes came considerably to my ears. Early on, & then I heard a Solitary Buss, or a Chipping, or an Oven Bird. The Robins were severely silent. The party of young Orioles kept visiting the white mulberry tree, its fruit also attracts vireos & Purple Finches as well as a few Robins & Cedar Birds.

Went to pasture outlook at 5 P.M. &

Thence wandered about finally visiting Roseau. Robins (388) & Wood Thrushes (488) were singing freely for fully an hour. Heard in full song on ridge, Lady Song three or four times. Heard one called who-a once behind studio. At 9 P.M. a whiff of wind sang only a "who-a".
Dane got back about 7 P.M.

Glendale

Ther

Wednesday, July 14, 1915

Wea
Fine

Sunny but hazy. Clouds gathering in late P.M. Warm, with light S.W. wind.

Robins and Wood Thrushes in full song towards sunset, Red-eyes all day long. For the first three nights the Toads have sung ceaselessly after dark. Green Frogs hanging in pool near Hawthorn's house. Bull Frogs bellowing far off in river.

Spent most of day in room writing letters. Dane & I started for a walk at 5.30 P.M. We went to the little pond just behind the Hawthorn's house.

Scattered along its overflowed margin were rather many plants about 2 ft. tall bearing allusion purple flowers somewhat like blue bells & unfamiliar to me. Some of the trees about this pond especially red maples & white firs are among the largest I have seen in Mass.

Dr. & Mrs. Lambert arrived from N.Y. in time for dinner. We all spent evening in parlor & on piazza.

Glendale.

Ther Thursday, July 15, 1915 Wea
Fair

Sunny but very heavy with, also, a thin
veil of clouds at times. Sultry with light
S.W. wind.

Bird singing declining fast now.
The Red-eye is almost if not quite the
only species vocal at all hours. The
Robin & Wood Thrush & Hermit are still
heard at evening but their voices are
"falling off" appreciably.

The wild Rabbits that appear commonly
on lawns close about the house, towards
sunset, are almost certainly neither
Cottontails nor Varying Hares. They are
decidedly larger than the former, with larger
ears, heads, necks & bodies, but less large
& "rangy" than the Varying Hare. I suspect
they may be English Rabbits. In form &
movement they are admirably graceful.

Spent most of day in room writing
letters. Dan & I went to the fashion
outlook in late P.M. & sat there about
an hour. Mr. & Mrs. Bayman at dinner.
We all spent evening in studies with the
fountain playing & music & books & papers.

Glendale.

Ther Friday, July 16, 1915 Wea
Fair

Sun shining feebly through dense haze &
thin clouds. Very warm & humid. S.W. wind
a dash of rain drops towards sunset.

Red-eyes singing all day, a Wood Thrush
& 3 Robins towards sunset. I heard
almost nothing else save an Indigo Bird
and two Chaffins. At evening the
little wild Rabbit, no bigger than
a Guinea pig, appeared on lawn in
front of house. There were no sounds
of bird or other creature after dark,
even the Tree Toads keeping silent.

Spent forenoon in room writing
letters. Mrs. Traveler's "at home"
afternoon. Ten or a dozen people
came, all ladies and among them
a Miss Shaw, of San Boston Quincy.
Shaw formerly, whom I especially liked,
and Mrs. Bayman, who was here
last evening.

Mrs. Clark & her daughter departed at
noon & Jack Daragh arrived at night
- as delightfully entertaining as ever.

Glendale.

Ther

Saturday, July 17, 1915

Wea

7°

Very hot & sunny day. Windy in the afternoon. A few clouds in the evening. The temperature was 70° at 7 P.M.

Left at 10:30 A.M. for the mountains. The ride was very pleasant. We saw many beautiful views of the mountains and the valley.

We arrived at the mountains at 1:30 P.M. The weather was very hot. We went for a walk in the woods. We saw many beautiful flowers and plants. We also saw many birds and animals. We had a picnic in the woods. The food was very good. We stayed at a hotel in the mountains. The hotel was very nice. We had a very pleasant stay. We returned to Glendale at 7:30 P.M. The weather was very hot. We had a very good day.

Glendale.

Ther

Sunday, July 18, 1915

Wea

7°

First Cicada

Very hot & sunny day. Windy in the afternoon. A few clouds in the evening. The temperature was 70° at 7 P.M.

Taking advantage of the superb weather Dan & I had a rather long and very delightful stroll in the woods & fields this forenoon. It led first to Hager's Pond through attractive woodland where we noted the species of birds new to me, July list - a ♂ Tanager in full song, a pair of Broad-winged Hawks soaring & screaming high in air over the mountain ridge and a hen Ruffed Grouse with her five half-grown young flushed in a sunny clearing by the pond. On reaching it we went around to the northern shore & into a hill pasture commanding an attractive view, where Kingbirds were feeding on wild apple trees. Thence we returned by way of the road leading past Squire's & the Brothers. Everything looked very fresh & attractive in the clear air, and many birds sang freely - a Heron & a Seaside Sparrow. Spent afternoon & evening in my room. Wrote some letters at 9 P.M.

Glendale.

Ther

Monday, July 19, 1915

Wea
Fair.

Partly sunny, mostly cloudy, with heavy shower 2-3 P.M. Warm & humid all day.

Red-eyes & Chippies singing all day, juncos and one Wood Thrush at dinner. Heard flight calls of Red Crossbills.

Spent most of day in room writing letters. Went to Studio at 4 P.M. & played Victrola for an hour for Dan who reclined on couch listening. Later we walked down road to call on Mr. Inlatch who received and entertained us in his customary manner. All the family spent evening in the parlor, Jack & I again showing us a variety of sleight of hand & other tricks with cards etc.

Our only other guest at present is Dwight Partridge, one of Margaret's many suitors & a most attractive young man.

Glendale.

Ther

Tuesday, July 20, 1915

Wea
Fair.

Forenoon sunny; afternoon cloudy. Refreshingly cool all day with little or no wind.

Red-eyes & Chippies still singing freely all day, but only towards noon when I also heard a Wood Thrush near the studio and the lone Hummer on our mountain ridge. The Wood Pewee has ceased to utter near them in occasional single notes. Magnolia Warbler was in full song in the pasture barnyard at 6 P.M. I saw the beautiful little orange red Salamanders rather frequently now, usually in pine woods.

Spent forenoon in room writing letters. Played Victrola to Dan in Studio, 4-6 P.M. About 25 new records that I ordered for him from Boston came on Saturday. They are among the best I know & he seems to like most of them.

Evening spent in parlor. Mr. Partridge & I had long talk about snakes etc.

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Glendale.

Ther Wednesday, July 21, 1915 Wea
Edith Dana died at Manchester. Fair

Cloudy, calm, very cool. Heavy
showers (without thunder) in P. M.

Robins singing gloriously through whole
day. Rarely have I heard such a
wondrous concert by them in day time.

Three ♂♂ almost constantly engaged near
house in P. M. Besides these a flock of 12,
mostly young, gathered about pond in yard.

At evening the song of the Hermit on our
mountain ridge came distinctly to my ears.
A Wood Thrush singing behind shades at
the same time. Down the road a ♂

House Wren sang among Henry Warren's shrubs
and further on I saw 2 more Wrens in
a roadside thicket. A brood of young Orioles
with their mother and a flock of Goldfinches
have haunted the mulberry & apple trees in
flower garden ever since July 1. I never
see them elsewhere - not even 100 yds away.

Spent most of day in room writing
letters. Walked down road as far as Snider's
in late P. M. Calling at Mrs. Warren's house,
her beautiful flowers, the daughter, Mrs.
O'Neil, there. Very friendly group, very in-
teresting play of back-to-back.

Glendale.

Ther Thursday, July 22, 1915 Wea
Time

Clear and cool with light N. W. wind.

More wondrously clear & fervent singing
of Robins especially during an interval
of cool cloudiness in forenoon and again
at sunset when a Wood Thrush, also, sang.

Red-eyes & Chipping Song all day long, as
usual. So, also, did an Indigo bird. In
late P. M. I heard a Field Sparrow & a
Yellow-rump Warbler sing over. Most of
the Warblers have been nearly or quite
silent for a week or more.

Spent day in room writing letters
and beginning a resume of Spring bird
songs at concert. My Boston Advertiser,
arriving at evening, brought the last
and not unexpected news of Edith Dana's
death which occurred at Manchester,
yesterday. I telegraphed a "night letter"
to Dick expressing sympathy and offering
a return to Cambridge at once if I could
be of any possible help or comfort.
Spent most of evening in studies with
brother.

Glendale.

Ther

Friday, July 23, 1915

Wea
Fine

Brilliantly clear and no more than comfortably warm with light westerly breeze.

Robins still singing delightfully at all hours but less vigorously and ceaselessly than two or three days ago. Wood & Hermit Thrushes altogether silent even at sunset. Chaffin & Red-eyes as incessantly vocal as ever. Wood Pewee singing a little. Swifts apparently increasing in numbers. Nine of them flying about together at evening. Swallows becoming scarce every day.

The tiny young Rabbit that lives in a burrow in front of the house dashed towards it over the lawn at top speed this evening just before a dog. Strange to say it looks no bigger than it did a month ago.

Spent day in room writing letters. Jack Laragh & Dwight Partridge departed at noon - Arthur Tieson, Reggie Sturges & his wife. Mrs. French's arrived a few hours later. Mrs. French's at home after noon. Hosts of people came, among them Joseph Choate.

Glendale

Ther

Saturday, July 24, 1915

Wea
Fine

Brilliantly clear with absolutely cloudless sky and little or no wind. Cool in early morning; agreeably warm through day.

Two Robins singing steadily & well through earlier part of afternoon, Red-eyes & Chaffins all day. Wood Pewee sang a little and so did a Bluebird (at 8 a.m. & again at sunset). The Wood Thrushes remained silent until after sunset when one uttered a few clear, ringing notes. Swifts becoming increasingly numerous from day to day, whirling about in parties of eight or nine towards evening and dropping one after another into the studio chimney. Their fluttering descents into it remind me of those of birds only partially disabled by gun shot wounds.

Worked in my room all day on correspondence and General Bird notes. Dan returned from New York at 6.15 after which we were together for half an hour. Edwina spent in studio. Edith Davis forward at St. John, Cambridge, at 11 a.m. to-day.

Glendale.

Ther

Sunday, July 25, 1915

Wea
Fine.

Clear and warm with light S.W. wind.
Too cool to sit out after dark, however, as it
has been almost every evening thus far here.

Red-eyes & Chippies singing ceaselessly through
day; Robins fairly in mid afternoon;anager,
House Wren, and Wood Thrush at sundown, when
two Song Sparrows were also in full song in a
meadow near Snair's. Swifts continue to
increase. I must have seen 25- at evening &
there were 12 in one flock. Crows at evening
heard in newly mown field near house. 24 of
them together then this afternoon & in their
midst a big Wood thrush. Where are the
Goldfinches that should be singing fairly now.
I neither see nor hear them often. Cicadas
also scarce. Have heard only two thus far.

Spent forenoon in room writing letters,
afternoon on piazza & tennis court chatting
with Renshaw, Sturgis & Albert & batcher.
At 6.30 P.M. Dan & I walked down road
to call on the Brookers. They have beautiful
rose - salmon dahlias in profuse bloom.
Evening spent in parlor talking.

Glendale

Ther

Monday, July 26, 1915

Wea
Mixed.

Early morning sunny, forenoon
cloudy, raining most of afternoon,
at times heavily. Comfortably cool
with little or no wind.

Bird music lessening fast now in
volume and variety as well as in
quality. Chippies and Red-eyes sang
only in forenoon and then but listlessly
& interruptedly, as did a Robin, also.
In afternoon I heard only the happy
twittering of Swifts and the distant
calling of a Black-bellied Cuckoo.
No more than 7 or 8 Crows appeared in
our field to-day. They repeatedly flew to
a large, flat-topped boulder by the
roadside where they clustered close together
and flapped or waved their wings like
so many big Butterflies, cawing & uttering
various odd ^{chuckling & chucking} sounds like this.

I spent most of day in room, working.
I am at work in hillside studio. The
Renshaws departed by 2 P.M. train.

Ther Tuesday, July 27, 1915 Wea

1. The first part of the document is a list of names and dates, which appears to be a record of some kind. The names are written in a cursive script, and the dates are in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

Tanager, a Song Sparrow and
two Robins singing well in early
morning. Red-eyes & Chippies keeping
at it ceaselessly through greater part
of day. Most other birds silent or
early so. Our Marsh Wren noted a
little and so did the Crested Flycatcher
& a White Br. Nuthatch. The Robins began
singing about 3.30 P.M. and kept at
it till after sunset. The Mockers
were in full song on the mountain side.
I heard several. There were also notes
of a Turkey Vulture as it flew over.

The first of these is the fact that the
 system is not a simple one. It is a
 complex one, and it is not a simple one.
 It is a complex one, and it is not a simple one.
 It is a complex one, and it is not a simple one.

Margaret had a pleasant party at her home - friends & we were blest with her on her. She has a great deal of good things & followed by her children & all.

Glendale.

15 Ther Wednesday, July 28, 1915 Wea
Mixed.

Forenoon Sunny; afternoon cloudy
with heavy rain & some thunder 10-8
and also after dark. Warm with S.W. wind

Robins singing well at present, Red-wings
and Chippies fitfully through most
of day. Song Sparrow & a Wood Pewee
singing at intervals in the same way.
Cats in the house.

[illegible]

Glendale.

Ther Thursday, July 29, 1915 Wea
81° Song birds fast lapsing into silence.

Brilliantly clear and comfortably warm.
Typical midsummer day with light W. wind.

Under conditions such as those just
stated we should have had a month
ago, a glorious outburst of bird music
in the early morning and plenty of it
throughout the day. But it is now fast
warming to its inevitable close.

I heard this morning (for the first time)
no Robins nor indeed anything save
Red-eyes and Chippies singing fully
as loudly as a Choncho singing a
few notes. The Red-eyes & Chippies
keep it up half heartedly through the
forenoon but now, at 4 P.M., I hear
no sound whatever except that of wind
in trees & the occasional twittering of Starlings.
Later - 6-7 P.M. A Tanager singing well,
Robin & Magnolia Warbler a little, Solitary
Birds rather freely. ♂ & ♀ juncos in pasture.

Spent most of day in room writing letters.

Helped Dan finish propping plum trees 5-6 P.M.
after that we went to pasture outlook & sat there
for about an hour. Landscape very beautiful.
7:15 later & I went walking on pasture. Talking.

Glendale.

Ther Friday, July 30, 1915 Wea
82° Nocturnal migration begins Fair

Forenoon sunny; after noon cloudy.
Warm & oppressively humid with light S. wind.
Heavy shower 4-4.30 P.M.

A Robin sang a little at sunrise,
Chippies & Red-eyes fitfully through day.
Hermit on mountain ridge singing fairly
well at 6 P.M. Several Barn Swallows
flying high over house. Black-billed Cuckoo
sang at 8 P.M. after off & was at once
answered by another near at hand, both
using long succession of notes. At 8.30
P.M. I heard the lisping chirps of
South-bound Warblers passing overhead.
Others were heard at irregular intervals
afterwards, sometimes rather frequently,
especially after 10 o'clock. As the notes
of all came only faintly to my ears?
thought they must be flying very high in air.
Night dark, although Starlit, and dead calm.

Spent forenoon room writing letters
Mrs. Fernald's "At Home" after noon but she
still away. Margaret absent. Only a few
people came - among them Bernard Hoffmann,
Mr. Butch, the Hillel. I took Hoffmann
to pasture outlook. Spent evening on fire.

Glendale.

Ther
84°

Saturday, July 31, 1915

Wea
Fair

Early morn cloudy. Sunny through day and of pleasantly warm & humid with light southerly breeze. Evening cool.

Robins in full, continuous song at sunrise & for half an hour later. Red-eyes & Chiffins sang only a little then and were silent for long periods through day. Cicadas "frying" freely all day long.

Indigo bird singing well at sunrise. Whippoorwill in full and at near ceaseless song for intervals of ten minutes about 10.30 P.M. He must have uttered his call many times.

Spent most of day in room writing letters. Mrs. French returned from Kingston at noon. Miss Miller, a singer & protégé of the Frenches, now here - a pretty & sprightly young woman. Mr. Clark came in mid afternoon to talk Colorado photos of garden etc. At 6 P.M. Dan, T. Linton & I went to pasture on the. The morning was serene & beautified then. T. Linton & I talked & hunted on pasture this evening.

Glendale

Ther

Sunday, Aug. 1, 1915
Yellow-bell Cuckoo.

Wea
Fair

Partly sunny but mostly thin cloudy & very hazy. Uncomfortably warm & sultry with little or no wind.

Awakening soon after daybreak I listened intently for several minutes without hearing a bird of any kind. Presently two Robins began singing and kept it up almost ceaselessly until past 8 A.M. Both had exceptionally clear, strong voices and sang with unusual earnestness and feeling. Never before have I been more deeply impressed by the exquisite purity and serenity of their delightful music. There were also Red-eyes & Chiffins joining in, every now & then but only listlessly. The most singing heard on mountain ridge at sunrise. The low-billed cuckoo singing (long series of notes given only once) at 11 P.M. in fields near Sunbis, Field of view song twice in late P.M.

Presented the 10 in afternoon.

Most of afternoon on the ridge. A few calls. Dan & I walked to the ridge at 5.7 P.M. & I saw a small bird with an eye. 1.30. Spent evening in a near vicinity of the ridge. The day of the week.

Glendale - Williamstown

Ther

Monday, Aug. 2, 1915

Wea
Fair

Thin cloudy & densely hazy with occasional faint gleams of sunshine. Warm & humid (less so than yesterday, however) until about 8 P.M. after which a cool, northerly breeze arose.

Dan & Fletcher left the house by motor en route for Boston at 9.30 A.M. I followed them about an hour later when James drove me to Hendon station whence I took train for Pittsfield where I spent two hours reading in the station. Left there at 1.41 & reached North Adams at 2.15. From car window saw many fields full of blooming hardshell, some of bonny white, some of which were growing so thick as to form a great mass. Golden rod, blooming & growing in places. Saw Kingfisher & one night hawk in flight. C. met me at N. Adams station where we motored to Williamstown where I found E.R.S. We talked for an hour & then went for another. After that C. & I took a short walk. Only a few birds singing. At 6.30 called on James & he & I all evening.

Williamstown - Cambridge.

Ther

Tuesday, Aug. 3, 1915

Wea
Dull.

Dark cloudy with frequent light rainfall. Very cool. Fresh north easterly wind.

Only a Wood Pewee singing in early morn. Had breakfast at 8.30. Soon after I started for a walk with G. & E.R.S. Rambled about for upwards of an hour following winding drive ways leading through beautiful park lands dotted with fine shade trees of various kinds & with many old houses & college buildings. Entered Garfield Memorial Church, a very beautiful piece of architecture with tower copied from that of Wells Cathedral. So little "darning" with us all the way having given up. Back by 11 to motor with C. & N. Adams where I took 11.38 train for Boston. On it stopped acquaintance with Mrs. Reed English Professor at Williams, who knows Prof. Clark & Judge Tenney & whose house he had especially admired. Talked with him all way to Boston, reached at 4 P.M. Home by 4.30. Perry showed me Red Scap in back garden abounds with flowers & many other things. Called on some friends & was with them all evening.

Cambridge - Boston.

Ther Wednesday, Aug. 4, 1915 Wea
Stormy

Raining all day, moderately in forenoon,
with excessive violence from 2-5 P. M. when
streets & lawns were flooded as they rarely
are except in winter. Cool with strong N.E.
wind.

In Garden; heard flight call of a
Goldfinch and tick note of House Wren.
Grasshopper several times captured. &
other birds saw a few House Sparrows.

Spent in home after breakfast in
Museum & garden with Percy & Gilbert.
To Harvard Square at 10 A. M. for
hair cut. Then to Boston where I
remained in our office from 12 to 4:30
saw while lunching at Museum.
Arthur & I went over appeal to Court
prepared by John Abbott who came to discuss
it with us. Decided to submit it, signed,
to Judge Abbott. Also discussed letter from
Elizabeth Bennett. Decided to raise my
salary \$50. & wrote her to that effect.
Home to J. P. M. to find out the garden
walk flooded & many plants prostrate.
Dined with Cott. Filled at 6:30 & spent
evening there.

Cambridge.

Ther Thursday, Aug. 5, 1915 Wea
Dull.

Lark cloudy and very cool with
fresh N.E. wind and a light sprinkle
of rain drops now & then.

3 adult Robins on the lawn, 2 Jays
screaming in jungle, and 3 or 4 House
Sparrows flitting about were all the birds
I noted actually within our grounds.
Just across Brattle Street, in Harvard Park,
I saw an adult Chipping Sparrow in
nuptial plumage hopping over a grassy
spot & chirping incessantly.

Our garden badly damaged by recent
heavy rains & wind, especially yesterday.
Many of the taller plants, such as Larkspurs
hollyhocks & sun flowers, lie prostrate
& hardly anything is blooming well. Even
the grass looks sodden & oversupplied
with moisture, but the trees are evidently
flourishing uncommonly because of it.

Spent most of day in Museum writing
letters. Bradford Studder called in P. M.
(3:30-5) to ask my advice about various
matters of bird conservation. Took short walk
later meeting Lolly Fairchild first & then
Alice Barber & Harriet.

Cambridge

Ther

Friday, Aug. 6, 1915

Wea
Dull.

Dark cloudy with chill N.E. wind
and fine, drizzling rain through
afternoon & evening.

Jays screaming in jungle, 2 ad ♂ Goldfinches
on wild sunflower heads, an adult
Chaffy with 2 spotted young on bank
front of house, several House Sparrows,
one Robin on lawn - This was all
the birds I saw or heard to day.

Spent most of day in Museum
writing letters & going through masses
of accumulated second class mail.

At noon went to Harvard Square &
drew all surplus above \$1000. from my
deposit in Cambridge Savings Bank. It
amounted to something over \$150. exactly,
which amount I then deposited in cash
with \$200. more by cheque, in Cambridge
Savings Bank.

Had breakfast at the Cobb. Fullers with
them & Mrs. Grady & dined at 7.30 at
the Fairchilds' where I spent the whole
evening with Mrs. F., Sally & her brother Jack.

Cambridge - Boston

Ther

Saturday, Aug. 7, 1915

Wea
Fine

Clear & warm with light W. wind.
First fine day since Sunday last.

In Garden 1 ad Robin, 1 ad ♂ Goldfinch,
2 Surfs on wing at eve., 1 screaming Jay.
On lawn 1 ad ♀ Grackle, 1 juv. Chaffy.
Cicada flying. A dozen or more young
Green Frogs, developed from tadpoles, in
Museum pond.

Worked in Museum until 10 a.m. &
then went to Boston to dictate letter
to Elizabeth Brewster in a library matter.
Saw Arthur & Fred Gollup. Arthur
leaving for Portland on vacation.
Home in time for luncheon. Then
Museum work after it. In late P.M.
(6-7) strolled over to Long's Landing.
Marshes half obliterated by dumpings
from subway and dotted with bushes
& young trees. A Song Sparrow & 2
Meadow Larks singing well. Spotted
Sandpiper calling. One Strutting in wing.
Called on Cobb. Fullers this evening.

Cambridge - Concord

Ther

Sunday, Aug. 8, 1915

Wea

7. full rate

ee: lacks

7. *Time*

Sunny but very heavy & also some drizzle.
Heavy, warm & humid. Light S. wind.

In garden below Waller ô, in
11. is as I was, breathing on both
sides, afterwards seen in water.

Flicker shouting furiously. Barn Swallows
the King bird heard.

Feb 10 & I started for Concord
at 10.40 a.m. Went via Haverhill,
Fitch River, Lexington, Bedford
Concord bridge. Brooks running
full in full, many pools of rain water
in narrow fields, some meadows
deeply flooded, all wet lands boggy
with much corn hopelessly prostrated.

Reached Farm. at 10.15. Stopped
about - until noon. In afternoon went
through Berry Patch & Birch Field.

Blueberry & blackberry bushes loaded
with ripe fruit. A few plums ripe.

Vegetables soaked & much damaged
by heavy rain. The foliage

luxuriant. Yellow Warbler, Red-eye,
Song Sparrow, 2 Indigo birds in full song.

Track deer tracks & smaller old ones.
Mass. Mountain & ...

Lincoln (T. 1861)

Ther

Monday, Aug. 9, 1915

Wea

mayed

Lightly breezy, cloudy & densely foggy
with light rain. Temperature 50°.
A cold, apparently, breeze is recorded
today through windows 3-4 P.M.
Clear - but with fresh air

The camp of Song of our T Wood
 was a beautiful forest house of
 cedar wood & a very large house. It
 was very large & had many rooms.
 It was a beautiful house, very large
 and very comfortable. It was a
 very large house, very comfortable.
 It was a very large house, very
 comfortable. It was a very large
 house, very comfortable. It was a
 very large house, very comfortable.

Signed Messrs O. Lang, Walter
Buckham Thomsen & Co. Architects
Franklin St. New York City.
The accompanying report is hereby
submitted as evidence of the
fact that the work was done by the
contractor.

Concord - Cambridge.

Ther Tuesday, Aug. 10, 1915 Wea
Fine

For most part clear with light
cool northerly wind. There was,
however, two brief showers in
late P.M. & thunder muttering afar off.

Song Sparrows & Indigo bird in full
song several times during day. Robins
sang only a little & then but feebly.
Saw one feeding young in nest on
locust front of house. This, without
much doubt, must be the same bird
who reared her first brood this year in
nest built on eaved pole in our shed.
♂ House Wren sang once or twice. Saw
his mate carrying food into box on pole
& heard young chattering inside. This
pair were feeding their first brood in
another & nearby box the last of June.

Spent forenoon working with
Burton & George. We weeded flower
beds front & rear of house & around
a number of Trilliums & Asclepiads.

Gilbert & I left 7 am at 4.07 P.M.
Just after reaching home at 5.15 I looked
skyward to see the Great Blue Heron flying
S.W. at immense height.
I went south the Coll. - 7 am at 6.30.

Cambridge.

Ther Wednesday, Aug. 11, 1915 Wea
Fossil? Birds nest Fine

Clear with light westerly wind
and perfectly comfortable temperature
without obvious humidity.

In Garden: An adult Robin on lawn;
a Silent Jay striding through grass;
a Red-eyed Vireo singing so low
scarce louder than a Singing Sparrow &
not otherwise unlike one - in new
cherry tree by Museum gate; a few
House Sparrows, mostly on lawn; about
(25) Swifts flying at immense height
certainly not less than 300 yards - not
in any particular direction but hither &
thither as if feeding, keeping mostly in
sight for half an hour (4 - 4.30 P.M.).

Saw Hershaw telephoned at 9 A.M., asking
me to come to Mrs. Comp. Inst. to see a
supposed fossil nest & eggs. I walked down
at noon & studied these specimens with
some care. If natural fossils, originating where
found in So. Boston shed, they may once have
belonged to a Phoenix. Robert Jackson thinks they
may have come from Italy where such things
are manufactured & sold, he says. I cannot
help suspecting some such origin.
Spent remainder of day in Museum looking
at them. Took all these meals about on back from
Call from book meller desiring data about father.

Percy Harris saw a Hummer (wh. third) at 6.30 P.M.

Cambridge - Boston.

Ther Thursday, Aug. 12, 1915 Wea
Fine

Clear & warm with light
westerly breeze.

In Garden: a Red-eye singing a few
faint notes, a silent Flicker, a few
House Sparrows. Screech heard overhead
at sunset. Cicadas "frying". No
Tree Crickets as yet. They should
have become vocal a week or more
ago.

Spent a couple of hours after
breakfast (at which I had Harry Spelman's
company on back piazza) in Museum
& then went to Boston reaching our
office about 11.30. Left 5 hrs. Anaconda
stock there to be exchanged for new
certificates. Arthur took me to
Young's for luncheon. Back to office
after it. Thence up Washington St.
for shopping. Got a few new records at
Eastern Talking Co. Home by 3 P.M.
Wrote to C. Solitary supper &
coming when I played the records &
laid aside them to keep.

Cambridge - Cohasset.

16 Ther Friday, Aug. 13, 1915 Wea
Fine

Clear & oppressively warm with southerly
wind, light at Cambridge, strong & fresh
on the Cape.

Spent forenoon in Museum writing
letters etc. A Jay & a Robin the only
birds noted. Went in town after
luncheon to take 2.28 P.M. train
for the Cape. Almy met me just before
it started. The air in our parlor car
suffocatingly hot & close before we got off
& not much better after that unless we
got to Buzzards Bay. On reaching West
Barnstable we entered a Stanley Steamer
& had a delightful, cool and also
interesting ride to Cohasset where
we found only Mr. Almy & Helen.
About we saw for a few minutes at
the station on his way to Maine woods.
Took short walk in woods before dinner.
The calls more or less demanded of later by
Egyptian Cuckoos which, for great times, have
established themselves about locally here.
Spent evening in parlor, talking.

bonnet.

Ther 40° mat. "Kicker" heard again. Wea

Saturday, Aug. 14, 1915

Wea

Clear & uncommonly hot for the Cape despite fresh southerly wind.

In early morning Pine Warblers, Chickadees, and Wood Peckers sang freely & delightfully in pine woods near about house. There were also loud cawing Crows and their screaming jays and calling Kingfishers. Besides a Red-eyed Vireo uttering a few disconnected notes every now & then. Many Terns flying over harbor mouth but only one seen to pass our house. As I was lying wide-awake in bed about 11 P.M. the shrill, fallible, squeaking "caw" of a "Kicker" came suddenly & very distinctly to my ears, evidently from somewhere at or near the margin of the deep tidal channel directly in front of house & then rapidly merged by salt marshes covered with recent grass. The cry was given only once & I felt that the animal had been very strongly "hi-Kick" (or "Kell"). Being here strongly salt the waters of this channel are unattractive to any harbor fish of any kind. I went out in boat. Boat sailing up P.M. - going outside harbor & all about

bonnet

Ther Sunday, Aug. 15, 1915 Wea

Wea

Clear, hot & humid. Light southerly breeze freshening for a rain in mid P.M.

Again a delightful if somewhat disagreeable & interrupted early morning concert of bird voices intermingling pleasantly with the sighing of wind in fresh pine tops just outside my open window. Most of the birds there heard were Wood Peckers and Pine Warblers, both apparently numerous and undisturbed. The Red-eyed Vireo was again almost silent. A Song Sparrow occasionally sang well and Chickadees called like-bu rather freely. During a woodland walk we heard a Cow-bird, Starling & Partridge & saw a Red-shafted Hawk on wing & very near. It was a young Great Blue Heron, at least 3 or 4 in number, kept flying h & v far over the channel, alighting at its grassy edge where I saw a Green Heron also. A few Terns passed in or out during day. Along & I took a last woodland walk in A.M. In P.M. we had a delightful sail with Helen & Mrs. Smith. Along with company of heron & other birds were seen.

Lotuit

Ther Monday, Aug. 16, 1915 Wea

... side. One of the
... rain less & have
... on the Cape. ...
... 20
... of forenoon the rose to 70°
... to 86° ...
... the rising of temp. S. V. would

When I see highlights & birds
singing by some of the birds as in
the preceding morning in the Pines
held it up enough each year.
They seem very much interested
in their little pine woods - each as
much so indeed as I now am here in
any other. The last of the year
I was a hummingbird or butterfly round
the small ones, has Barn & am
as. Heard it in the night as well
about 4 P.M.

Spent evening in study, reading
working & talking. In late P. M. I
saw a woodchuck with a small
hairy & brown animal on its back.
The animal had a black stripe on
its back.

Ther Tuesday, Aug. 17, 1915 Wea
good.

Forenoon cloudy with occasional light
showers. Heavy shower at noon after
which the wind changed from S. W. to N. W.
and the temperature fell abruptly. Afternoon
brilliantly clear with cool, violent wind.

Shortly after 9 a.m. I started for South
 Yarmouth in Capt. Horner's "Slender Star"
 accompanied by Mrs. Almy, Helen &
 Miss Smith. We started at 10.30 & as
 soon as I spent half an hour in my
 usual morning rounds I found myself no
 longer inclined to enjoy the boat as much as
 I did. They have so much to do in
 house & made it very attractive so that
 I hardly enjoyed anything. I was
 very & fairly with me out on a very
 well & right on with. I had the day and
 departed for Boston & we went for the
 oysters back just before I arrived.

We reached South Yarmouth about 11 after
a very & delightful ride. Passed a
magnificent view across which with water below
Mrs. Stone took me to Swan Pond in P.M.
It is wholly unchanged. A W. L. Lane, as
soon as a young man by name.

South Yarmouth.

Ther Wednesday, Aug. 18, 1915 Wea

2. 'sawly ear & uncool, and
old 'sawly 12. 'sawly

On the 1st of March 1881 I saw
a large number of birds in the
day to the south of the river
and in the morning I saw a lot
of small birds flying about
and their noisy notes. The birds were
in the air all day long in the morning.

It's seemed to us our last in
you but had few blossoms showing.

Goldens was in a large room, very close
among the study cabinets, in which
several mixed stacks of wood & books
were piled up, mostly of children's, & in
front of them, the two last being in
the first occasionally, & now & then
others we saw them a year ago.

room in time for dinner. In 1/2 d
rest & Holland board in store. Also

W. S. J. Her name is, is Crosby, a son

4. After that we stand on
rocks and see water. It is
yellow like a river. Oh 10. 2
not like a river.

South Yarmouth

Ther	Thursday, Aug. 19, 1915	Wea
	<i>First Tree Cricket</i>	<i>Fine</i>

... ..

[illegible]

In P.M. we walked down the shore
toward the point. The sky: a few no
too numerous gulls flying about over.
A few terns seen on the shore
about, some flying at a distance in mid air.
Swallows (all Barn) passing southward singly
or in couples every now & then. No sight or
sound of Linnæan birds along shore.

We dined at Mrs. Frothingham's at 7 & passed a very pleasant evening there.

South Yarmouth - Cambridge

Ther

Friday, Aug. 20, 1915

Wear
7 in

Sunny but hazy. Warm with light southerly breeze.

Left S. Yarmouth by 9.50 train. Collins took me to station in light spring wagon drawn by quiet, free-gaited horse - altogether a delightful experience because now so rare. While journeying towards Boston I looked out of car windows most of time. Saw very many Kingbirds & Swallows flying over Barnstable Marshes & Meadows earlier rising commonly from grassy fields. Terns constantly in sight over Cape Cod Canal as we skirted it. At its western end they literally swarmed many perching in rows, like Swallows, on its bordering telegraph wires. Upward of 300 seen in all. Several Dorying Gulls with them.

Oak woods very generally ravaged by Gypsy Caravan all way from S. Yarmouth to Boston. Trees thinly foliated with new, light green leaves. Reached Boston at 12.30. Called at office & saw Arthur & Darling. Lunched at Masters' Home by 2.30. Found 10+ Robins, 3 young Orioles up full song. Flanager, a Robin Thrush & a Flicker in garden. Heard Swifts. Two Cuckoos in nearly full chorus at ex. Wren piters noted dark. Supper alone on Bull parra. Called on Jerry Fuller later.

Cambridge.

Ther

Saturday, Aug. 21, 1915

Wear
7 in

Sunny but densely hazy. Comfortably cool with light easterly wind.

In garden at 9 a.m. Six or eight Robins, five Jays, at least two young Orioles (in tall locusts), a Red-eye (singing fully), a Flicker, a Downy (heard only), a Grackle & a few House Sparrows. Also an ad. Goldfinch among the sunflowers. At evening at least ten Swifts over Cambridge about land overhead. Early in forenoon heard Warblers chirping in Juniper & got a glimpse of one chasing another on wing but failed to identify either bird.

It was pleasing to hear Cicadas flying through the midday hours at intervals & Tree Cuckoos feeding after dark. Mosquitoes continue to swarm out of doors but no longer trouble as much in the house.

Spent entire day in Museum sorting letters. Had breakfast & luncheon alone on Bull parra, dinner at 6.30 with the Coburns. Spending evening with

Cambridge - Concord.
Dear Tracks both fresh & old in Cedar Park.
Ther Sunday, Aug. 22, 1915 Wea
Another excessive rainfall Foul

Forenoon partly sunny, mostly cloudy,
with violent S.W. wind. Raining most
of afternoon & much of evening, at
times very heavily, in rapidly
succeeding showers of very unusual
violence but without thunder or lightning.
Rather warm & very humid all day.

Walked through Garden & jungle
just after breakfast. Three adult Robins
only birds noted there.

Leaving home at 8.45 a.m. motored
to Concord with Gilbert via Watertown,
Waverley, E. Lexington, Lexington &
Bedford. Almost the only birds seen
were a few Swifts & Barn Swallows.

Chickory in fullest bloom making
a superb show in places. Much golden
rod, also. Village gardens ablaze with
flowers especially phlox & golden glow.

Junia bed at farm simply dazzling.

Walked with "Jim" to Birch Field in P.M.
returning drenched by sudden shower.
Almost no birds. Noted only a Song Sparrow
a Swift & a Barn Swallow.

Concord (Farm)
Ther Monday, Aug. 23, 1915 Wea
Mosquitos. Wrens more young. Fine

Clear with light westerly wind, fading
at times. Oppressively warm & humid.
Mosquitos quite as numerous as I have
ever known them at Balls Blodago, rising
literally in clouds whenever one enters
thickets of bushes or tall weeds in low places.

Birds of every kind uncommonly scarce.
Local breeding ones mostly gone, apparently,
& not as yet replaced by migrants from
further north. Three Robins in orchard,
2 Song Sparrows, a Chaffy, several

Bluebirds (heard) & Bobolinks (heard),
2 Flickers, (9) Barn Swallows (flying S.W.),
several Jays & Crows (heard) and a
brood of House Wrens, a ♀ D. Wren &
a Maryland Yellow Throat. Were all I noticed.

I read from 11 to 26. The Wrens breeding in front
of our house were feeding young in box near old
well. By August 10 they were feeding their second
brood in box 50 yds to S. near Catalpa.
To day they were feeding them in a box near
well but not the one in which the first brood
was reared. The young chattered to day
much as on the 10th. They must have
been moved from one box to the other since then.
Spent most of day working in flower
gardens with Bonnell & Gage. Walked
then. Perry Posters in Lot T. M. Sarah Ames,
William & a Mr. Rolfe called at 11 a.m.

Concord (Farm)

Ther

Tuesday, Aug. 24, 1915

Wea
Fine

Almost a perfect duplicate of yesterday, equally warm & humid but with more & fresher westerly wind.

Continued dearth of bird life. Heard Bluebirds & Bobolinks calling through day at infrequent intervals & the twittering of a Swift (very high overhead) in afternoon.

Only a Red-eye saw & he but feebly.

Wrens still feeding young in box. Young Robins squawking in orchard. A Phoebe called once at sunset. Barn Swallows migrating S.W. all day in small, straggling flocks. In Cedar Park a hen Partridge, fully grown, flew from high cherry to dead branch & sat there looking at me 20' off.

Rabbit 2/3 grown on lawn last eve. & near barn late this afternoon.

Water every where, filling brooks, ponds & swamps. Grain full, flooding river meadows & mowing over our best drained slopes positively boggy still. Mosquitoes everywhere in myriads. & terribly annoying for blood. Bushes of fern early peaches & plums ripening. Spent most of day walking in front of house with gun. Picked downy etc. Woodcock. Sandpiper called in P.M.

Concord (Farm)

Ther Wednesday, Aug. 25, 1915

Wea
Rainy & fine.

Raining steadily, at times heavily from 3 to 10 A.M. After the lather hour the weather much like that of yesterday viz. sunny, oppressively warm & humid. Evening cooler with fresh N.W. breeze.

The most nearly birdless day of a comparatively birdless week. Although out of doors almost continuously I saw or heard in all less than a dozen birds. These being 4 Robins (2 ad. 2 fat-tail young), 3 Barn Swallows (flying N.E. at 4 P.M.), 6 Kingbirds (in straggling flock, flying high to S.W. at 3 P.M., apparently on migration), 3 Choppers in orchard.

Black Field Crickets chirping numerously by day & night but no Tree Crickets to be heard at any hour. Nor have I noted a Cicada here as yet.

Numerous large slender, glossy black, long-legged Beetles attacking our China Asters eating out central part of blossoms.

Spent forenoon in barn with George & Barbara sorting & repacking pine boards. Picked about a bushel of peaches in P.M. & sent baskets to the Whites, Sarah Ames & Mrs. Melvin.

Concord (Farm)

Ther Thursday, Aug. 26, 1915 Wea
C. returned to Concord from Williams - Perfect.

Brilliantly clear & deliciously cool
with fresh, breezy N. W. wind.

Heard migrating Warblers chirping
frequently at 9.30 last night but could
find only three in our woods to-day & one
of them a D. virens. The other two, together
in oaks & birches in Birch Field, near
Bay - Branch, both evidently young of the
year, one showing barely a trace, the
other a faint but decided wash, of bay
on the flanks. 6 Robins (4 ad, 2 young so
feeblely winged they could fly only a few yards)
a Barn Swallow South Bound, a Song Sparrow,
a Downy and a Goldfinch, an Oriole,
a few Crows & a Jay. Also literally the
only small local breeding birds seen or heard.
3 full-grown young Pottersides flushed by
"Linn" in Berry Pasture alighted in bushes
within 10 yards & stayed at one place. I
heard several Cicadas.

Spent most of A.M. putting rustle
in order for storing fruit. In P.M.
filled blueberries with Bensons.
C. returned to Cambridge from Williams Farm.

Concord (Farm) - Cambridge.
Migrants in Concord Garden.

Ther Friday, Aug. 27, 1915 Wea

Cold night followed by warmish day with southerly wind.
Sunny but very hazy & also somewhat cloudy.

Spent forenoon out of doors at Farm, picking
peaches & plums, pruning & propping fruit trees etc.
not many birds. Red-eyes singing briskly, local
Flycatcher calling toot in orchard, 2 ad & 1 young Maryland
Yellow-throat among weeds near hen house.

Left Farm at 1.45 & motored to Cambridge via
Carlisle Bridge, Bedford, Lexington & Maple Road.
Saw almost no birds save House Sparrows.

Reached home about 3 P.M. finding C. & E. R. S.
there. Garden alive with birds. Spent fully an
hour following them about, opera glass in hand,
tormented by swarms of voracious mosquitoes.
Keeping mostly to Birch grove were interesting little
party of migrants made up of 6 Bay-breasted
Warblers (1 ad. ♂ with jet black wings & tail & much
bay on flanks, & 5 young with little or almost no bay)
a ♀ Minstrel, a young Canadian Warbler (keeping
somewhat apart from rest among shrubbery as usual
& winged), an Empidonax which looked like
flaviventris but was not certainly identified.
Besides these were several Robins, 2 Jays, a
Titmouse, a Downy (heard), an ad. ♂ Goldfinch, a Redpoll,
a Sparrowhawk (on wing), a flock of about
100 Starlings flying low over road followed, a
number of Crows, 3 crows; at sunset 20
Grackles (counted) chirping high & anxiously
feeding, among them several young birds with
short wings & fluttering flight. Also a pair H. Sparrows.
There I noted an old English Sparrow.
Spent evening in hall with C. & E. R. S.
We read our notes & played bridge.

Cambridge - Boston.

Ther

Saturday, Aug. 28, 1915

Wea

Fair

Sunny but very hazy & somewhat cloudy.
Very cool with light northerly wind.

In Garden, shortly after breakfast, found
3 Bay-breast Warblers & a ♀ Minutella
flitting about in birch grove where the
same species were noted yesterday. No doubt
they were the self-same birds reduced in
numbers by the departure of a portion of
the flock last night. They were all the
north-bound migrants I could discover but
there was also a Goldfinch there this morning.
Later in day (at 3 & 4.30 P.M.) I searched
the entire grounds carefully without seeing
or hearing a bird of any kind.

Went in town at 9.30. Bought at
Browning, King & Co's, Washington St.,
mostly at greatly reduced midsummer rates,
shirts, under wear, neckties etc. to
the total amount of \$38.98. Went
to Stearns' where I took out five new
September records. Thence to office at home
saw Arthur & Darling. Home & luncheon.
Wrote C. & E. R. S. at 1.30. Wrote letters in P.M.
Called at the Deames' at 7.30 & saw Charlie
Gunn & Mary. Played new records to C. & E. R. S.

Cambridge

17

Ther

Sunday, Aug. 29, 1915

Wea

Dull

Cloudy, calm, cool, with light rain
in early morning & mid afternoon.

In Garden: Noted birds of then species
only - a Robin, a Grackle (heard) and
2 Swifts (circling high at sundown).
Tree Crickets in old. Times numerous
after dark. Very few Butterflies
come to our flowers this summer
and Percy has seen but one Hummingbird.
Ten or a dozen Green Frogs, transformed
in June from tadpoles brought from
Concord last autumn & kept through
winter in aquaria jars, have remained
contentedly in pond front of Museum
& are now about one third grown.

Those similarly introduced there in 1914
did not reappear this spring. Garden Toads
have spawned there repeatedly since April.
a few of their tadpoles still remain.
Adult Toads increasingly numerous in Garden.

Spent most of day in Museum
writing letters. Sarah & Clara Home called
at 8 P.M. Victoria music 9.10 P.M.
Open fires in hall & Museum.

(The on)

Engl.

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P. M.

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—, 1894

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Chair

Ther

7. *un*

Very few birds. Maryland Yellow Throat
heard & young Chestnut sided Warbler
seen, near her house. Several Robins,
one or two Jays, a Flicker, a Downy
& a Pheasant seen or heard near
house; house crowing after off.

Monson & Zeph came this morning.
I sent the former, with Bursbank,
to Acton Powder Mills for two boxes
of dynamite. They did not get back
until near noon. Worked through A.M.
with Zeph & in P.M. with both men,
cutting & burning brush between
Bangalore & old Barrett barn. Also
purchased peaches & plums. Mrs. Melvin
called in P.M. bringing me a fine
packet of fruit.

Boncord (Farm)

Ther Wednesday, Sept. 1, 1915 Wea
Fine

Clear & cool with light N.E. winds.
Clouds gathering at sunset.

Continued & indeed, increasing, scarcity
of birds of almost every kind. Although
constantly out of doors from 8 a.m.
to 6 p.m. I saw less than twenty birds in
all. These included 7 Chickadees,
8 Chippers, a Hairy Woodpecker,
two or three Crows & a single Pheasant.
There were also two unidentified
warblers & a ♀ D. virens & a
Solitary Flicker.

Spent most of day with
Morton & Leph who worked in
the grove behind barn cutting
down trees & removing brush.

Wild life blackberries in great
profusion there - also mosquitoes
swarmy maddening towards sunset.
I was then engaged in picking
peaches - remarkably few ones.

A Mr. Ramsey called at 4.30. -
He said he was picking up specimens
about Thoreau for a book he is writing.

Boncord (Farm)

Ther Thursday, Sept. 2, 1915 Wea
Fine

Clear, calm, very warm but not
humid; hence a delightful, summer-
like day.

Almost no birds. Two Robins on wing,
a Barn Swallow southward - Ground
high in air at 9 a.m., three Warblers
that I failed to identify flitting about in
tops of tall oaks behind barn, a mewling
Catbird near barn, a Nuthatch calling
in dooryard elms, a screaming Jay
and a Screech Owl warbling in evening.
Twilight was literally all the birds
I noted. No! There was one other
- an adult ♂ Goldfinch that sang
free & sweet for several seconds in
mid forenoon.

Spent practically entire day
picking, sorting & packing peaches &
Jellies. Sent a box of them to Dan
& put up a basket for Dick (Dana).
Gilbert took another basket to
Stead Buttrick's. Albert W. Doolittle
called in P.M.

7 Wea

Cambridge - Bethel
Howard Jefferson killed at Hill 70, Dardanelles
Ther Saturday, Sept. 4, 1915 Wea
Sun Sept 27. Heavy Turn at Warbler flight. Fin

Brilliantly clear & oppressively
warm'd with light south only 20° at

Henry H. & I left home at 8 a.m. to
go to Porters Station where we took 8.10
train to Boston & 9 a.m. Eastern Ave.
train thence to Belknap. We reached
Portland at 12.15, dined in Union Station
then, left at 1.12 & reached Belknap at
4.30 going through all day from Belknap
in same 4 wheel car 7 seats & passengers
very warm at every stop as we
was out in May & this place was
impassable & I hope we with others this
a number of British & American soldiers
arrived in Belknap from the front, and the
things were in a bad state and the
little Poles of the boy soldiers in Belknap
the road & looked up the road as
we drove on together, some of the
in the Belknap road and out.

The first of the two is a small, dark, and
 the second is a large, light, and
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 the ninety-seventh is a small, light, and
 the ninety-eighth is a small, dark, and
 the ninety-ninth is a small, light, and
 the hundredth is a small, dark, and

Black-throated
nocturnal flight of Thrushes.

Ther

Sunday, Sept. 5, 1915

Wea

Fog of night & V. clear.

I didn't see a just pleasing warm
in air or no wind blowing.

Leaving house about 10.30 a.m. The Doctor,
my & I had a delightful woodland stroll,
we went to the park, across to the sea low, back
and forth & then flower garden. Rarely if
ever I seen within an equal space of time
and area so many Warblers of so many
different species. They occurred by hundreds of
thousands in the gray birches about the park
being distributed throughout the length & breadth of
this cover so abundantly that I could not in
flight at once take account of them. Nor were they any
less numerous in the swampy birch thickets
just to the eastward of our house where I had
them under close observation most of P.M.
Elsewhere they were omnipresent but much less
plentiful especially among dense conifers.
Altogether I identified 20 species viz the
Nashville, Tennessee, Orange-Crown, House, Black &
White Caping, Cape May, Bay-breast, Magnolia,
Christie's, Yellow-rump, Black-thr. Green,
Black-burnian, Black-poll (only 1), Mourning (but 1)
Maryland Yellow-throat, Ovenbird, Water Thrush,
Canadian, Wilson's Black-cap, & Redstart.
The bulk of the flight was evidently composed of
Bay-breasts of which I identified at least 25
& probably saw upwards of 100. Tennessee Warblers
came next in numbers about a dozen being
certainly as numerous & just as many as any
seen. It was slow & difficult work seeing
characteristic identifications because of the bewildering
number of the birds, their excessive restlessness,
the density of the foliage & the comparatively
level ground. I could give in the searching method
dragging every corner. In P.M. I had a
better chance in anyway for the birds came out
into full view along the thicker edges as I sat on
the piazza watching them. Spent evening in
lounge. At 11 P.M. as I walked back to my room
Thrushes were calling incessantly overhead. They were
nearly all in back I thought.

Bethel.

Ther

Monday, Sept. 6, 1915

Wea
Full.

Then cloudy with occasional light showers.
Light winds at first and by noon so chilly.

Spent forenoon on piazza or near it talking
with Mr. Breed & Mr. Howe. Also strolled down
street with thing to buy a few things at
Myron Rowes. He, poor man, has recently lost
a leg from gangrene. In P.M. Henry & I
walked to Shack & half around mill pond
where we saw 2 night hawks feeding on wing.
In Shack woods we came upon a flock of over
200 Warblers mostly Yellow-rumps & Black-
throated Greens with a sprinkling of other kinds
including a few Bay-breasts, Tennessee, Magnolia
& one Striped. Among low, flanked spruces on the
common we saw 2 ♀ Cape May Warblers &
not less than 6 others in a row of balsams
bordering our flower garden near house. Also
saw a young ♂ Cape May in Shack woods.

Yesterday evening counted 102 Chipping Sparrows
on one lawn & heard of 200+ on Bethel Inn
lawn. There were about 130 on former lawn
this evening. Heard instead 7 by Colburn &
Rose Br. Grosbeak Calliope

Called on the Thrushes at 8.30 P.M. &
spent an hour there. Henry & I talked with
Doctor Carter in lounge. To bed at 11.15.

Bethel - Cambridge.

Ther Tuesday, Sept. 7, 1915 Wea
Heavy nocturnal warbler flight. Fine

Sunny but hazy. Rather warm with light S. wind.

Left Bethel at 8.50 a.m. in company with Mr. Breed of Cleveland, a bright & agreeable man. We talked most of way to Portland & parted there. I also looked out of car windows to see, on passing through townships east of Bryant's pond, large flocks of Chaffins & smaller ones of Robins & Bluebirds, rising from fields as the train sped by. Very little autumn coloring during this part of the journey but several maple swamps abate with a south of Portland. Reached Boston, on home case, at 4.20 & Cambridge at 5.15. Water Thrush & 2 Blue Jays in Garden. Very many Warblers migrating over it at 9.30 P.M. when I heard them chirping almost incessantly.

Spent evening in hall. E. R. S.
head was hurt about 8 o'clock.
behind me.

6. ridge.

Ther Wednesday, Sept. 8, 1915 Wea

Sept 7, at 10.15 mid with light
-sailing here. - weather is very
warm with a rather noisy day.

in German, Latin, & in French,
English, Polish, & many others.
I was so much with them that I
could not find time to go to my
migration class night & a few nights
I was not able to go to my class.
I had in my mind to go to the
class in the morning, but I was
unable to do so.

[illegible]

[Faint handwritten notes at the bottom of the page]

Cambridge - Boston - Concord

Ther

Thursday, Sept. 9, 1915

Wea
Fine

Clear, calm, intensely hot & humid
Altogether perhaps more trying
than any day of past summer.

In Garden: Water Thrush & unidentified
Warbler heard chirping.
Flicker seen.

Concord Farm: Catbird mewing &
Tanager calling chip, near house.
No other bird of any kind noted,
between 4 P.M. & dark, except a
Phoebe in full song for half a minute.

To Harvard Square for hair cut at
9.45 A.M. Then to Boston.

Spent two hours at our office
where I saw Arthur, Gallagher &
Deering. After lunching at Martin's
went to Foltz, Fisk & Rawson's where
I saw wonderful display of
dahlia & ordered some for next spring.

Next called at Park, Pollard Stn.
Took 2.40 train to Concord where
Gilbert met & escorted me to farm.
Strolled around there until sunset.

Concord (Farm)

Ther

Friday, Sept. 10, 1915

Wea
Fine

Cloudless & intensely hot with,
however, a rather fresh & cool N.W.
breeze blowing thro. most of day.

Heard Warblers & Thrushes (Vireos, in
I thought) calling overhead about 10
O'clock last night but there seemed
to almost no migrants about our
farm to-day. I heard on or
two Warblers chirping in tops of
leafy trees & saw a ♀ Black-thr.
Blue in shrubbery close to house.
Of local birds I saw only 2 Robins,
3 Chipping & a Crow. Heard a
Chickadee, a Nuthatch, 2 Goldfinches,
one or two Jays. Screech Owl hooting
near house at 7.30 P.M.

Buckthorn & I spent forenoon
tilling out crises and picking
peaches. Of the latter we got
about 4 bushels, all very large
& handsome & of delicious flavor.
In afternoon rambled about place
doing this & that. Then men working
on road to Burlington.

Concord (Farm)

Ther Saturday, Sept. 11, 1915 Wea
"Jim" kills his second Woodchuck. Fine

Cloudless & intensely hot despite a rather brisk westerly breeze.

More birds than hitherto. Heard Crows & Jays at sunrise & at least one Red-shouldered Hawk (screaming long & loud at 8 a.m. A Nuthatch grunting & over calling woe-woe-woe in elms. A Red eye uttering whining cry there. (9) Cedar birds on wing; also a family party of 5 Goldfinches, old & young. Several unidentified Warblers keeping high in oaks & elms. Cat bird mewing & singing lots here at sunrise, in thicket front of house. Solitary Flicker & 4 Chaffins. Very giving ordinary day call (phew) many times in run as twilight gathered.

Spent entire day picking, sorting & sending off peaches. Gilbert took baskets of them to Fayon, Lyke, Gallagher & Mrs. Kimball, as they were in a run. to Geo. Hayes, Charles Carter, Mrs. Melvin, Dr. Chamberlain, Mr. Dexter, Harry Roberts & Sarah Ann, in P.M. I took 2 baskets to the House at 6 P.M.

Concord (Farm)
Juncos arrive.

Ther Sunday, Sept. 12, 1915 Wea
Dear tracks, Fine

Brilliantly clear & refreshingly cool with light northerly breeze which, however, changed to easterly towards sunset when the sky became overcast with streaky clouds in direction of coming foul weather.

Not many birds. Cat bird, 4 Chaffins, ^{Goldfinches}, a Downy & a Nuthatch (White-bellied) near house. In neighboring woods 3 Robins, several Jays, 2 Black-thr. Green Warblers (one adult singing faintly & listlessly), a young Chestnut-sided Warbler (in top of tall elm), a Red-bellied Nuthatch (whining) a few Chickadees, a Hairy Woodpecker, a few Crows, 2 ♂♂ Juncos (in Back Field). Noticed deer tracks (of large buck & smallish doe) in wood paths but all rather old.

Walked to the Spring just after breakfast & again on home later when Charles & Mrs. Carter, with Barbara, came. Mrs. Melvin called in P.M., bringing her sister & companions & a Russian Officer.

"Jim" had desperate battle in run with him with some help from me & not without getting an ear full of it. Was a struggle & finally killed at 3-4 P.M.

Boneoid (Farm)

Ther

Monday, Sept. 13, 1915

Wea
Dull.

Cloudy with light easterly wind
and a sprinkle of rain drops
every now & then.

Very few birds seen or heard.
A Cat bird meowing behind barn &
another in Berry Pasture, a Cedar bird
flying in company with two Robins,
a Song Sparrow & a House Wren
in the lane, two or three Crows &
Jays and a Partridge flushed
by "Jim" in Berry Pasture. were
about all I heard. (But there were
also a family party of Goldfinches
among wild sunflower heads & one,
an adult male, sang well but
briefly.

Had a long, strenuous day with
the peaches - which ones mostly. Picked
& packed many basket fulls, some
sent to Davis for sale, others to various
friends including Dan Finch, Albin Storn,
Sted Buttrick, Mrs. Melvin, Sarah Ames,
Adams Jolander. Walked thro Berry Par
with little Jim in late P.M.

Boneoid (Farm)

18

Ther

Tuesday, Sept. 14, 1915

Wea

91° Boston,

H. W. Henshaw arrives

Fine

82° Farm

Cloudless, hot & humid
with light S. W. wind. With respect
to combined heat & dullness perhaps
the most trying day of the past
three months. Evening comfortably cool,
however, I slept under light blanket
all night.

Especially few birds. Indeed I
noted almost nothing save Crows, Jays,
3 Song Sparrows & as many Chipping
near house, several Goldfinches at W.
sunflowers, a bunch of 10 or 12 Jays
in our dooryard & one, a Swainson's
Thrush calling faintly in evening
in the Run.

Spent most of day in house
writing letters. Lettie went to
Cambridge with peaches. Mrs. B.
got my dinner. Telegram from
Henry Henshaw in forenoon say he was
coming from Bethel. He arrived at Station
about 5 when I motored there to get him.
Talking & Michels house in evening.

Concord (Farm)

Ther 94° - Boston (off) - Intense heat. Fine
88° - Concord Farm. Fine

Terrific heat & wetting humidity but slightly atoned for by light westerly to southerly breezes. Altogether a more trying day even than yesterday & indeed one of the worst I have ever known here.

Continued dearth of birds. Almost none about farm. Huthatches of both kinds calling in dooryard chest, a Brown Thrasher in Blue Pasture. Solitary Black-bellied Noddy seen in Birch, Rutchin place. A Catbird, a Song Sparrow, several Chiffins, Crows & Jays. Also a Flicker.

It was too hot to work out doors or to write in house. I tried both in vain & passed a perpetually day doing little or nothing. The men stuck to their tasks fairly well, with "Jim" was utterly prostrated. Gilbert returned. Henry to Weymouth to see his sister Annie, who has just had paralytic stroke. They returned at 4. After coming down to house wrapping

Concord (Farm)

Ther 94° - Boston (off) - Intense heat. Fine
88° - Concord Farm. Fine

Heat intensely hot and humid, almost or quite windless. These conditions prevailed up to 4.30 P.M. after which two heavy thunder storms passed, one to north, the other to south giving us only a little rain but bringing refreshing coolness.

Rarely if ever before have I experienced at any season such an intolerably hot & oppressive day. I tried in vain to write and could find no comfort anywhere one of doors. Man & beast seemed equally unable to cope with it although our men & horse did keep at work in shady places. Of birds there were almost none to be seen or heard. The Cicadas "fried" all day after dark there was a full & rarely animated chorus of insect musicians.

Henry returned to Weymouth with Gilbert to see his sister Annie. I spent much of day in house. We had a Victrola concert this evening.

Concord.

Ther Friday, Sept. 17, 1915 Wea
90° Boston Extra disagreeable Fair
86° Concord

Forenoon sunny with fresh W. breeze. Afternoon cloudy, calm, intensely hot & humid. Altogether another very trying day albeit less so than yesterday & Wednesday.

Hardly any birds seen or heard about our place. (7) Cedar birds in holly, a House Wren in wood pile, a Robin calling, an unidentified warbler chirping, Crows & Jays heard at a distance.

Driving a motor trip in P. M. saw several flocks of Bluebirds & Chipping along roadside and thru Oak Cove region.

Spent most of day supervising work & man, picking feathers, talking with Henry. He & I returned to planting Black Medians in the large bed of Strawberry bedded with ripe fruit. The Adonis was brought. Starting now of Extra disagreeable by dropping Tuesday night probably Sunday. Had the...

Concord (Farm)

Ther Saturday, Sept. 18, 1915 Wea
Fair

Clear & Comfortably cool with fresh N. W. breeze.

Two young Black-footed Warblers in apple orchard. A Black Throated Green with 7 Chickadees & 3 Juncos, in Birch Field. Robin & Nuthatch calling near house, Red shouldered Hawks & Jays screaming in woods. Crows carrying hostility at sunrise. Pleasant calling at sunset.

One Song Sparrow near house. There were nearly if not quite all the birds seen or heard by me.

We Breakfasted at 6.30 a.m. unable Henry to take 7.28 train for Boston & 9 a.m. train thence to South. He seemed nervous, overwrought, evidently dreading the journey & worrying about it.

Grandmother & I picked feathers in A. M. Gilbert told them to Lams 3 bushels in all. For same I got \$2.40 per bushel. Walked to Birch F. in late P. M.

Talk with Sarah Anne at 9 P.M. appeared very serious but she said I could do nothing.

Concord (Farm)

Ther

Sunday, Sept. 19, 1915

Wea
Fair

Clear & cool with light westerly breeze. Heavy rain from 3 a.m. to day break.

Rather many birds at least as compared with past ten days.

Heard Warblers chirping very frequently overhead last night (90' dark). To day found Black jacks scattered here & there in woodland. At 9 a.m. saw 7 White-throated Sparrows (mostly adult) & a pair of Towhees, on stone wall front of house. Heard call of Bobolink, same house. Several juncos & a flock of Chickadees in Back Field. Brown Creeper in woods. "Jim" started 5-Porteridge in same, front of lawn, & 2 more in Back Field. 2 Cat birds. Brown Thrasher in Berry Patch. Humming bird (white-throated) at our flowers.

Red-shank. Hawks seen in A.M.

Spent A.M. in house working. P.M. strolling about with "Jim" who killed a large Woodchuck in middle of field.

Concord (Farm)

Ther

Monday, Sept. 20, 1915

Wea
Fine

Clear, warm and somewhat sultry with light S.W. wind. Clouds gathering at sunset.

Not many birds: 6 Robins flying over orchard. Two Cat birds mewing in fruit-laden elms front of house. a Downy & a Flicker calling by day and a King bird (exceptionally late record) at sunset, a Purple Finch in the usual Crows & Jays, make up about the same total. There were also one or two unidentified warblers, presumably Black-jacks, in the tops.

Gilbert motored to Cambridge with peaches, corn etc. for various friends. Monson, Gopher & Panowski near handling big rocks for hillside road. Left & George cutting rows in potato field.

I wrote letters & picked peaches. Dexter came down on his wheel at 6:30 and spent evening.

Turned bed & N.E. after at day break & nothing else there. Also saw some other.

Concord (Farm)

Ther

Tuesday, Sept. 21, 1915

Wea

Stormy

S. W. rain storm beginning at 9 a. m. & lasting until 4 P. M. For two or three hours the rain fell in sheets flooding fields & roads. Very warm. Sky cleared at sunset when a fresh, cool N. W. wind arose.

Bird life again at very low ebb. One or two nuthatches, probably ~~Starlings~~, hissing in the tops, a single Finch calling, a Phoebe near barn cellar, about a dozen Chipping in peach orchard, several Jays & Crows.

We began picking peaches after breakfast & got about two bushels before the rain drove us in. After that Ben & I worked in shop & I wrote letters.

I have started with Pigeons again. Bought 4 Fantails in Boston last week & received 6 Housers of St. James to-day - all pure white birds.

Concord (Farm)

Ther

Wednesday, Sept. 22, 1915

Wea

43° (at 10 P. M.)

Fine

Brilliantly clear with raging N. W. wind. Cool in early morning, still more so at evening although wind had lulled then.

A flock of about a dozen Goldfinches (mostly young) in wild sunflower bed, 2 Chickadees in Bird Field, a Cowbird singing softly in Fanny's tree, a solitary young Black Poll in oaks near barn, a single Song Sparrow, a Dove, a few Crows & a single Red-wing Blackbird (apparently ♂ juv.) flying low over our orchard, calling, were literally all the birds I heard & heard of except 3 scattered Partridges flushed by Jim when he & I were taking a walk just before sunset, over the open ground growing up a young pines & blueberry bushes where our back woods were cut along road to Benton.

Spent most of day picking, sorting & packing peaches with Ben & Bowls help. Pat called in forenoon looking for wood shavings.

Concord (Farm)

Ther Thursday, Sept. 23, 1915 Wea
38° at sunrise First hour frost. Perfect.

Pleasantly clear with fresh, light S.W. wind. Light frosts from air, sunnier, in low places. & clearing warm through mid day hours.

The cold snap of last night brought a light flight of migrants from farther north. In the Run near the foot of our lawn I came upon a little flock of them as I walked. It included 6 Black-bills, a Micropod (♀), a beautiful adult ♂ Black-throated Green. These were all together in a group, back with several Chickadees. Near them a Winter Wren was heard, tick-ing, a Red-br. Grosbeak chick-ing & a Canada Nuthatch chick-ing. Not many birds elsewhere. Four well grown young Partridge, flushed by Jim in run, feed near, and sat staring at, me.

Various gardening & farm interests absorbed my forenoon. Jim & I went to Bush-Tield & Ketchin place.

Concord (Farm)

Ther Friday, Sept. 24, 1915 Wea
Dull.

Mostly cloudy with occasional brief intervals of sunshine & several light showers.

Comparatively few birds. The most interesting a pretty little Winter Wren encountered in our lane where he kept dodging in and out among the stones of the bordering wall, uttering his tick call frequently. When I squeaked he came straight to me, within three yards or less, giving me a fine view as he regarded me curiously, bowing & nodding after the manner of his race. As other birds I recall seeing & hearing 2 Robins, (6) Cedar birds (or wrens), a Cat bird, a Downy, a Song Sparrow, two or three unidentified Warblers (apparently Black-bills) & a Pheasant.

Spent most of day working in flower garden with Bucken & Gray. Picked a bush of healthy apples. Peach crop mostly harvested. Sent 25 Pigeon Rock pellets to Dr. Chamberlain.

Concord (Farm)

Ther Saturday, Sept. 25, 1915 Wea
Glorious

Brilliantly clear with light,
westerly wind & dry, cool,
breezy air. Altogether a perfect day.

Not many local birds & very
few migrants. ♀ Tanager in
mild grape vine clinging to elm
singing loudly. Saw the bird pluck
off & eat two of the large, ripe grapes.
A Fish Hawk, heading westward,
flew low over our orchard at 5 P.M.
At sunset a Peewee Bird sang
twice, rather feebly. An Indigo Bird
sang once & almost as in breeding
time - this at 3 P.M. A few
Chippies & Song Sparrows in
thickets bordering cultivated land,
a Brown Creeper on elm in
door yard, Jays imitating
Barn Swallows, Phoebe calling
at home.

Worked all day in flower garden
with Bees, transplanting perennials.
Walked to Birch Field with "Lion"
at 4:30.

Concord (Farm)

Ther Sunday, Sept. 26, 1915 Wea
Violent Gale Stormy

Cloudy with violent S.W. wind storm
lasting all day and accompanied by
occasional light rain. In P.M. the
wind attained velocity of a full
gale & maintained it through evening.

In early forenoon, before it had
to blow so heavily, I had a walk
in the woods with Jimmy but on
approaching them again, about 4 P.M.,
I turned back, afraid to venture
in among the storm-tossed trees.
Even the largest & stoutest oaks
were bending like grain before the
stronger blasts which threatened to
uproot one or all of them. Such
a gale in this does not occur here
once in a dozen years - at least
in autumn. It must have driven
almost all the birds to dense cover
for I saw only a very few -
including 6 Robins, 2 Purple Finches
& what I am reasonably sure was a
Barn Swallow flying low thro garden.
Spent most of day in house
reading & writing letters.

Concord (Farm)

Ther

Monday, Sept. 27, 1915

Wea

Howard Jefferson's death 7 in

Brilliantly clear with high, cool N. W. wind - blowing half a gale at times.

Continued scarcity of almost all bird life. Two Robins, a little flock of 6 Cedar Birds, a Purple Finch, a Song Sparrow, about a dozen Goldfinches (mostly young) one or two Crows & two unidentified warblers that looked & chirped like Blackbirds were literally all the birds I saw or heard.

Spent most of day superintending the erection of chicken fence by Burbank & George. Walked to Birch Field with Jim in late P. M. Saw 11 baskets of fruit peaches to the girls in Concord Telephone Ex.

Cable message from Jeff announcing Howard's death, on Sept 4 at Dartmouth arrived by mail from Gallin at noon. Telegraphed & wrote C. at once.

Concord (Farm)

Ther

Tuesday, Sept. 28, 1915

Wea

Large flock migrant Warblers. 7 in

Clear & cool with brisk W. wind

Near house only a few birds including a Song Sparrow, about a dozen Goldfinches, a Cat bird singing softly in Forsythia bushes, about 50 Crows migrating S. W. at 8 a.m.

In Birch Field, about 3 P. M., Dexter & I found a mixed flock containing upwards of fifty birds among which were several Chickadees, at least 6 Yellow-Throats, twice as many Yellow-rumps, fully 15 Black-jacks, several Black-throated Greens, a Solitary Vireo singing steadily but brokenly, at least 2 Golden-crescents, 7 or 8 Titmice, 10 or a dozen Juncos besides one Peewee bird.

The almost total absence of Hawks of any kind during this entire month.

Spent A. M. working in peach & apple orchard with George & Burbank. Dexter came down to noon dinner. After it we had delightful walk to Birch Id. & so had "Luncheon."

Concord (Farm)

Ther Wednesday, Sept. 29, 1915 Wea
Great flock migrant Warblers. Fine

Clear & cool with high N.W.
which lulled, however, in late
P.M. Evening calm & rather warm.

Big flight of Warblers, the heaviest
noted here this autumn. From 3 to
4 P.M. saw upwards of 200 in
Buck Field feeding ceaselessly, almost
wholly in the gray birches. Although
dipping to & fro they were much less
restless than those seen there yesterday &
evidently a different lot altogether.

I positively identified *Mniotilta* (♂ ad ♀),
L. tigrina (♀ juv), *blackburnian* (♀ ad?),
carolinensis (♀), *striata* (30+), *castanea*
(2, with bright chestnut flanks), *coronata* (10+)
virens (12+), *Parula* Warbler 1; in all 9 species
with them were *Regulus satrapa* (2) & *calendula*
(1), *Junco blackneck* (1) & *swainsoni* (red),
a Thrasher, a Towhee, 10+ White-thr. Sp.
& several Chickadees.
8 Peewee birds & 9. Sapsucker near farm
house also a. Cal bird.
Worked with the new poultry up
poultry fence in A.M. To Buck Field
with Jim 3 P.M. Evening time well
warblers there. Enjoyed it hugely.

Concord - Boston

19 Ther Thursday, Sept. 30, 1915 Wea
Perfect.

Cloudless with light N.W. wind.
Cool at early morn, comfortably
warm through mid-day hours &
also after sunset.

Leaving Farm soon after breakfast
I motored to Concord & took 8.01
train. In it found Geo. Keyes, Robs,
Gilman & Woodward Hudson. Sai
& talked with George all way to Boston
he pointed out two handsome cock
Pheasants in Bedford meadows.
Reaching North Station went direct to
our office & spent forenoon there
signing cheques, dictating letters etc.
Arthur & I had long talk about
Trust affairs. Saw Darling, Gallows
& Misses Walker, also. After lunch
at Marlow's went to Fother's & other
florists for bulbs. Bought about
usual quantity for winter forcing & a
few for our door planting. Back to C.
by 2.40 train. Called on Mrs. Emerson &
the Carters. Returned to Farm in time
for short walk with Jimmy.

Concord (Farm)

Ther

Friday, Oct. 1, 1915

Wea
Fair

Sunny but very hazy & also cloudy
in late P.M. Warm with light S.E. breeze

A mixed flock in Birch Field made
up mostly of Yellow-rumps, at least 30
in number, also included 3 or 4
Black jacks, a young ♀ Boy-broast,
a dr. House Wren & a Junco.
The last named was very green (almost
grass-green) above & bright yellowish
beneath - a young ♀, probably. Feeding
low in gray birches the birds flitted
close about me (within 10 ft) showing
no fear even when I moved abruptly.
All this happened 9-12 A.M. when Jimmy
& I were roaming about in company.
A Hermit Thrasher & 1 Yellow Robin were
with the rest. One Thrasher sang quite often.
Saw 2 Sapsuckers together in the lane & I
was Robb's Sparrow. About 30 Peewee
Birds & 12 Robins near lane.

Spent part of forenoon & all afternoon
working in flower garden. Mrs. Melvin
called in P.M. staying half an hour -

Concord (Farm)

Ther

Saturday, Oct. 2, 1915

Wea
Stormy.

N.E. rain storm lasting through
day with floods of rain and
rather violent wind especially
in mid afternoon.

Spent forenoon in house
writing letters & cheques for
birds, afternoon in wood shed
supervising the making &
putting up of shelves in my
gardening closet. Saw no
birds. Saw 2 Robins & an
saw number of White-throated
Sparrows.

Some new Victrola records
came from Steinert this
noon & I tried them in the
evening selecting four to keep
& rejecting them.

Grapes ripening slowly &
scarcely, I now get enough
daily to supply my own wants
but no more than that.

Concord

Ther

Sunday, Oct. 3, 1915

Wea
Fair

Thin cloudy with occasional brief intervals of sunshine. Rather chilly light N. W. wind.

A flock of about 25 Yellow-rumps in Beech Field. With them a few ♂ 2. caerulescens. More Yellow-rumps scattered, some on roof of house. Solitary Iris singing in Russell's Pine at least 50 Peewees, birds, as dozen or more Robins, a few Thrushes & 2 Flickers in our cherry and elms at noon. Just then a flock of 9 Starlings came whirling past and an ad ♀ Red. shouldered Hawk soared majestically overhead. There was also a ♂ Towhee in Rosey this morn.

Spent most of forenoon rambling about through Beech Field and Russell's Pines with Jimmy. We both enjoyed it hugely. I met at 1.30 at the Emersons with Mr. & Mrs. & Ellen. They gave me some Sage Grouse - the very best I ever tasted. Amongst the 4 to 6 white buttons would happen to me.

Concord (Farm)

Ther

Monday, Oct. 4, 1915

Wea
Perfect.

Cloudless, windless and very warm after 8 a.m. although there was light hoar frost at sunrise.

Through mid day hours Cicadas were flying & Dragon Flies on wing. My Juncos are still making a brave show. The autumn coloring is very late & fully shown as yet only by poison ivy & dog woods, but a few red maples are beginning to color and the gray birches were strongly tinged with gold this afternoon.

We picked our last high bush blueberries - a full quart of fine ones - on Sept 29.

In late P.M. found at least 50 Yellow-rumps in Beech Field. A single Black-bird with them. Herds of White-thr. Sparrows ranging the groves. They were going to roost in Beech Pines at sunset. Also saw 3 Towhees together there. A few Robins, 2 Cat birds & a Solitary Iris (singing) near house.

Spent most of day transplanting perennials. Walked to Beech Field & Beech Pines with "Jim" in late P.M.

Concord (Farm)

Ther

Tuesday, Oct. 5, 1915

Wea

Stormy

Violent S.W. rain storm beginning at 9 A.M. & ceasing at 5 P.M. heavy showers, accompanied by gusts of strong wind, followed one another in close succession through most of day. The men were driven in doors by the rain before 10 A.M. when Winthrop Suddar arrived to look at some wood. He too was storm-bound and spent the forenoon by the morning room fire with me besides staying on to dinner. At noon we went to Ritchie's place to see the woods. After he had departed I worked with two of the men clearing out left over carriage house. When the rain finally ceased there was still time for a good walk in the woods with "Tine". We went to Birch Field. Heard 2 Hermit Thrushes chattering & several Towhees chirping but saw only a few Robins & 25+ Juncos.

Concord (Farm)

Ther

Wednesday, Oct. 6, 1915

Wea

Fair

Cloudy and cool with little or no wind. Sky cleared before sunset & remained so through evening.

Spent day working about Farm with Benaback & George. Walked in Birch Field with Tine in late P.M.

Judge Abbott arrived about sunset to spend the night. He sat up late by the parlor fire talking of various things especially those connected with auditions at Wolfboro. He told many amusing stories & was, as usual, delightful in every way.

Concord (Farm)

Ther Thursday, Oct. 7, 1915 Wea
H. W. Henshaw arrived Fair

Cloudy & cool with light easterly wind. Rain drops falling sparingly after dark.

Spent most of forenoon with Burbank & George picking apples, Hubbardston & Healthy, of which we have a full crop. Dexter came down to noon dinner, after which he walked to Birch Field where he found a flock of about 30 Kinglets mostly Yellow-rumps with one or two Black-polls. Two of latter & one Yellow-rump after woods met with near foot of lawn. Separating from an apple orchard.

Henry Houston arrived from Bethel at 5.15. Shortly after supper Mr. & Mrs. Robbins with Prof. Weston & Walter Faxon returned down from Concord & stayed on farm & supper.

Concord (Farm)

Ther Friday, Oct. 8, 1915 Wea
Gilbert's son dies. Rain. Dull

A gentle rain falling through forenoon; after noon cloudy & cool. Heavy rain last night.

Autumn coloring now progressing steadily from day to day, albeit so much belated. Poison ivy & Virginia Creeper foliage now at its best. Some red maples flaming but most still green.

At least 100 White-thr. Sparrows ravaging our Concord grapes. Scarcely a bunch left unpicked by them. A flock of 40+ Juncos & 15+ Robins flitting about orchard & along lawn. A few Yellow-rumps & one Black-poll.

Spent part of day in house, part representing the work of men clearing out sheds etc. Henry went golfing in Berkens field. Gilbert returned to Cambridge to find that his only son Robin had died just before he got there, after a brief illness of which he first learned last night.

Concord (Farm)

Ther

Saturday, Oct. 9, 1915

Wea
Fair

Morning cloudy; afternoon sunny. Cool with light N.W. wind.

Two Rusty Blackbirds yesterday and six to-day, flying low N. over our orchard, calling. They are all I have seen thus far this autumn. Many Robins, several Black-bills, a flock of 15 Cedar birds in oaks behind barn, a dozen or more Robins along lawn, a Great Blue Heron flying low S.W. at sunset, with frequent hawk calls, over Purple Rock woods.

Autumn coloring developing. Many red maples ablaze with it.

Spent day working with the men setting out trees & turpentine, etc. Walked to Birch Field & through Bass Pond at sunset.

Henry went by train to Westboro for day. C. returned to Cambridge fr. Bethel.

Concord (Farm et Ball's Hill)

Ther

Sunday, Oct. 10, 1915

Wea
Fair

36° at 10 P.M.

Clear & cool with light N.W. wind. Water skimmed over at Ruth's place last night according to Geo. Ballou.

Autumn coloring brilliant now among swamp maples although some remain green & few have shed any leaves as yet. Poison ivy foliage superbly colored.

Not very many birds. About 15 Yellow-rumps accompanied by 2 Yellow Robin Warblers in Birch Field. A dozen or more juncos & one Yellow Robin warbler on edge of Henry's meadow.

Flock of 9 Rusty Blackbirds seen by H.W. flying over Benson's pasture. White-throated Sparrows at Farm reduced in numbers to less than a dozen. Kingfisher over river at Ball's Hill. Red shouldered Hawk, 6 ad, Henry's meadow.

Henry went to Benson's pasture for golf at 9 a.m. I went with him but returned to write letters. Charlie Carter & Barbara called at noon, staying at home. De Munnich & some friends at 3 P.M. Shortly after dinner Henry & I walked to Ball's Hill via Ball's Hill & back via Holden Hill.

Concord (Farm)

Ther Monday, Oct. 11, 1915 Wea
First ice Perfect

Brilliantly clear with light westerly wind. Builds snowy white with hoar frost at sunrise. My Finches coated with clear ice from the spray played on them over night which saved them from all harm. Midday hours deliciously warm. Altogether a rarely perfect day, even for October.

Spent entire day picking off the mostly Northern Spies of gigantic size & great beauty. Lots of birds in orchard. Fully 50 juncos, a dozen or more Chipping sparrows. Thrush in the trees. Two Yellow Palm Warblers & a Nashville with very yellow breast in the apple trees.

Heavy practical golf in Burton's pasture morning & afternoon. In late P.M. Burbank & I tramped around the outskirts of our woods putting up two new signs. Jimmy caught a hen & pulled her tail out.

Concord (Farm)

Ther Tuesday, Oct. 12, 1915 Wea
Rarely perfect

Brilliantly clear & deliciously warm with fresh S.W. wind.

Opening day of shooting season. Guns popping briskly in all directions at sunrise & not infrequently through day although I heard them much less often than a year ago. and only two shots were fired in our neighborhood - somewhere beyond the Berry Pasture, they seemed.

Gilbert arrived from Cambridge at 9 A.M. bringing the Mrs. Comp. Tool. mission book. Culling my data from it I worked all day long on my report, getting it written roughly by sundown when Jimmy & I had a short woodland walk. The men picked & boxed Baldwin apples. George worked through A.M. Toph all day. Mouson & Cooper did not come either yesterday or to-day. Starting at 10.45 Gilbert rode to the post office, then to Wilbury, to see his sister. They were back by 5.

Concord (Farm)

Ther Wednesday, Oct. 13, 1915 Wea
My shooting season begins. Perfect.

Cloudless except for a few
mare's tails presaging coming storms.
Warm as an average midsummer
day with light southerly wind.
Cicadas flying at noon and
Tree Crickets chirping loud &
fast at sunset.

Autumn coloring glorious now.
Red maples ablaze everywhere &
hickories golden yet scarce a
leaf has fallen yet from any
tree or shrub - something unprecedented
at so late a date, in my experience.

Finished my Museum report
by noon. It was mailed in
Concord at 5 P. M. Henry practiced
golf at Benson's in forenoon.
Bradford Saddle arrived at 2
& stayed until 4.30.

My shooting season began at 5
P. M. when I went out with the
20 g. & Jimmy. Killed 2 Gray
Squirrels behind barn & missed a
cock Pheasant (long shot) in Berry Pasture.

Concord (Farm)

Ther Thursday, Oct. 14, 1915 Wea
H. W. Henshaw departs. Fair

Partly sunny, mostly cloudy.
Uncomfortably warm & humid.
Mosquitos troublesome at evening.
Red maple & juneo now
a little past maximum brilliancy
and leaves beginning to fall.

Not many birds except juncos
of which I saw a rather large
flock. Only six or eight White-throats.
Heard a Purple Finch. Six Bluebirds
flying due south, high in air, at
8 A. M., calling plaintively. Partridge
drumming in run at 4 P. M.
in single Rusty Blackbird (6 juv)
in our cornfield - very tame.

Spent most of forenoon in
orchard, with George, picking & sorting
apples. Henry remained in doors.
He complained of not feeling well &
seemed much depressed in spirits.
He left Concord by 5.20 train to take
Federal Ex. to Washington.
Walter Jackson, Dr. Lykes & Emma Dexter
dined with us. Mr. Woodruff will later

Concord (Farm)

Ther

Friday, Oct. 15, 1915

Wear
Rainy

First Wild Geese.

Forenoon calm and warm with heavy rain from 9-11. Afternoon cloudy but rainless with chill N. E. wind.

Birds apparently scarce. A Robin in orchard, 2 White-throats near Barn, 4 Yellow-rumps in Run, several juncos in wood patches, a brood of Sparrows singing full song near at 8 a.m., Bluebirds calling at same hour, 5-6 Rusty Blackbirds flying high, southward, a few Crows & 2 Partridges, were all I saw or heard.

Spent day at Bangor where the men around corn barn, dug out rocks & earth under main Subway, etc.

Shortly after dinner I stalked through Cedar Park with "Jimmy". Shot at a Partridge going straight away down road toward & out into a lot of feathers but the bird kept on apparently unhindered.

Concord (Farm)

Ther

Saturday, Oct. 16, 1915

Wear
Perfect

Cloudless, calm & dry warm with tender blue sky overarched a wealth of brilliantly painted autumn foliage wherever one looked from the knoll on which our farm house stands. Altogether a typical Indian Summer day, absolutely perfect of its kind. Unfortunately I had to spend most of it superintending the work of men engaged in such mundane tasks as picking apples, shoveling dirt & moving a small building (my fruit house). But 'twas good to be out of doors ceaselessly and towards sunset I had an interesting half hour watching the corn patch at edge of Berry Pasture. Attracted by the ripening maize there came to it a Gray Squirrel, 5-6 Rusty Blackbirds & an old cock & hen Phoebe - & were so wary that they gave me no chance for a shot. In hollows behind barn I found their nests 22 Oct. eggs of Gray Squirrels killing two & missing one. Shot many small birds. Solitary Vireos & Song Sparrows & probably bird song fully. Hens & Hens called in P.M. to see about work next week.

Concord (Farm)

Ther

Sunday, Oct. 17, 1915

Wea
Perfect.

Another divinely perfect Indian Summer day closely like yesterday but with somewhat fresher & cooler wind, mostly from N.W.

Spent almost entire day in woods rambling about slowly with Jimmy, drinking in the exquisite beauty of the richly painted maple & hickory foliage and watching birds of various kinds. There was a prodigious flight of juncos - hundreds of them feeding almost altogether in the tops of gray firs & on the seeds of those trees, hollering softly & every now & then giving the song whist. I saw them literally everywhere, among the branches in Cedar Park & Beech Field, & in a dozen or more places. With them were many Yellow Warblers & a few Black-jacks. Heard no less than 4 Ruby-crowned Kinglets, one in lawn, another in Cedar Park, the other two in Beech Field. One was in almost full song. Started 2 Partridge in lawn & 3 in Beech Field. Flushed a Gold Pheasant at house. On slope below farm. He looked as big as a Turkey. Gray Squirrels one in lawn. Chipmunks, also. Rats common.

Concord (Farm & Hildreth's Corner)

Ther

Monday, Oct. 18, 1915

Wea
Fine

Still another Indian Summer day less perfect than yesterday, however, because chilly at morn & eve and with the sky thinly overcast at times by fleecy clouds. A rather fresh S.E. wind dislodged myriads of ripened leaves and drove them across fields & forest openings in clouds like flocks of gaily-colored little birds. Of real bird life there was decidedly less in evidence than yesterday although juncos rose big flocks if not scores when I crossed our milled patch & several robin-throats flicked about the grape trellis. While there were more or less Robins scattered along the lane & one singing freely & rather well every now & then.

Moulton saw 50+ Jays at 12.30 noon. Spent most of forenoon with Zeph cutting down poplars in Cow Lane. Motored to Hildreth's Corner after dinner to get a stone bearing evidence of what looks like Moose tracks. Charles Carter dug it up in his pen. He

Concord (Farm)

Ther

Tuesday, Oct. 19, 1915

Wea

Free Crickets

Fair

Early morning & late afternoon cloudy. Rest of day sunny & warm with light southerly breeze. Many trees now bare of leaves. The glory of the maples is well on a thing of the past. Oaks still green.

Not many birds. A fair number of juncos & a few white throats in orchard & bordering shrubbery. Bluebirds flitting about the house in clus & one male singing delightfully in fence. Several Robins along lawn, two Phoebe's flushed by Barbark from the corn in front of house. Crows cawing far & near & flying singly to & fro. That was all I remember noting.

Spent entire day out of doors about the Farm supervising work of men. Barbark & George working after. Hanson & Rasper digging out rocks. Hanson & Barbark water pulled in P.M.

Concord (Farm)

Ther

Wednesday, Oct. 20, 1915

Wea

Rainy.

Dark cloudy & warm & almost windless with light rain falling through greater part of day.

Very many birds in the lane and close about the house, flitting to & fro through trees & shrubbery. Sometimes alighting on our shingled roofs. There were at least 20 or 25 juncos, not less than 15 Robins, several Bluebirds, a Song Sparrow and (I thought) two or three white-throats. The Song Sparrow sang a little, brokenly, one of the Robins rather freely & well. I noted no other species.

Spent most of day at the Bungalow where Harris began some cement work intended to carry off storm water from eaves gutters etc. Left & Barbark worked mostly under cover, Hanson & Casper digging out earth in shed. George packed apples despite the rain.

Stopping out of doors at 10 P.M. I heard a few crickets & a few white throats in the orchard & bordering shrubbery. Bluebirds flitting about the house in clus & one male singing delightfully in fence. Several Robins along lawn, two Phoebe's flushed by Barbark from the corn in front of house. Crows cawing far & near & flying singly to & fro. That was all I remember noting.

Concord (Farm)

Ther 70° Thursday, Oct. 21, 1915 Wea Perfect.
 Miss 2 shells at Pheasant.

Unseasonably warm even for Indian Summer. Almost windless.

Early morning divinely beautiful when low sun shining through opal & pearly mist. Butterflies floating about through mid day hours. Tree Anits in full chorus last night (10 o'clock) *Trillium* & *postulosa* but still gay with brilliant flowers.

There were many juncos, rather many Robins, a few White throats & at least one Song Sparrow flitting about our lawn & orchards all day long. All four species were singing in unison at 7 a.m.

with very pleasing effect. One of the juncos gave forth spring trill. Spent most of day with them.

At 4 P.M. went to corn field across road taking 20 g. gun. As I walked a cloud of big birds rose in great succession with differing clamor. There were at least 15 Crows & as many Pheasants. I fired two shots at Crows & missed both birds clamor overhead.

Concord (Farm)

Ther Bag & Pheasant & shot at a fine. Friday, Oct. 22, 1915 ^{partly} Wea Fine.

Clear & cool with fresh N.W. wind. It took off nearly all the leaves remaining on maples, birches, hickories & ash trees thereby giving woodland areas a somewhat wintry aspect.

Not many small birds: 10 or 12 juncos, about 8 Robins, a Brown Creeper, a meadow lark singing in Lawrence's field, 2 Rusty Blackbirds in corn field, were all I remember watching.

Spent most of day at Bungalo where Hosmer & 2 men worked on lean-to shed for lumber & Harris & 1 man on a stone walling hot-bed.

I went to corn field across road at 4.0 a.m. hoping to bag a Pheasant. I did not start only two Rusty Blackbirds. A second visit made at 3 P.M. was more successful. Circling around back side of patch I had nearly reached the far corner when a hen Pheasant rose to quickly fall ridden by my heavy charge of #4. The report I started her off. I fired a cross shot at her but missed. After this went to Birch with Tim. He started a hen Partridge in ferns.

very dry & sunny just a few days ago & a few thoughts of a full moon.

Ther Saturday, Oct. 23, 1915 Wea
Henry Oldys arrives Fine

Clear & cold with harsh & violent N. W. wind. Rather hard frost last night. All tender vegetation killed. Oak foliage turned suddenly dull russet & leaves falling freely, after having shown no vivid coloring anywhere this autumn.

Spent most of day supervising work of two carpenters who finished lean-to at Bungalow and of Tyle who cut a lot of young elms in lower end of Berry Pasture where I remained from 10 a.m. to noon modelling out a new wood path that promises to be very attractive. Jimmy started 3 old cock Pheasants & down 2 of them directly over me but I had no gun. Took Mr. 20 p. with me in late P.M. flushing a hen Pheasant & 2 Partridges but did not shoot at any of them.

Henry Oldys arrived about 8 P.M. to pass night. He spent long evening by peeler fire & had a glass of beer.

Ther Sunday, Oct. 24, 1915 Wea
 Fine

Clear & cool but without the chill of yesterday. Moderate westerly wind. Altogether a fine autumnal day.

Oldys & I spent two hours after breakfast sitting by morning room fire. He finally set out for a walk going first to Birch Field & thence through Berry Pasture. Started 5 Partridges and 2 Cock Pheasants. Saw almost no small birds, saw 1 Hermit Thrush, in woods. There were upwards of a dozen Juncos, almost as many Robins & several White-throats, in the lawn.

Motored to Concord at 1 P.M. leaving Oldys to eat a solitary lunch before starting for Foxcroft. I dined at the hotel with George & Margaret, Barbara Carter, Sally & her husband. He had a good dinner in hotel afterwards.

Called at the Emersons' on way back seeing Mr. & Mrs. Alice Hayes & William Emerson. Jimmy sat at the camp.

Concord (Farm)
D.C. French & R.H. Dana arrive
Ther Monday, Oct. 25, 1915 Wea
7 in

Clear & cool with light westerly
wind. Freezing cold last night &
fields white with heavy frost at
sunrise this morning.

Spent most of day with
men working about farm
buildings especially near Bungalow.
At 11 a.m. went to corn
patch across road to try for
a Pheasant. A fine cock was
within 20 yards where I stood
myself around the big brush pile
but I missed him clean,
apparently. Another, flushed by the
report, much further off, fell to
my second barrel as he was
overlapping a neighbor but could not
be found even by "Tim" who should
3 weeks old cock in same corn.

Dick Dana arrived at 5 P.M. &
Dana French about 7. We spent
evening talking by porch fire

Concord (Farm)
Annual Reunion with Dan French & Dick Dana.
Ther Tuesday, Oct. 26, 1915 Wea
7 in

Sunny & mild with fresh S.W. wind.
Sky overcast at sunset. Heavy thunder
showers at 11 P.M. Country white
with heavy frost in early morning.

Dad, Dick & I talked by the fire
for a couple of hours after
breakfast. After that we talked
about the farm, to Birch Field &
through Berry Pasture, until shortly
after noon. Mr. & Mrs. Edward
Gunsam & Mary French arrived
sometime after 1 P.M. He dined
at 1.30 and sat in parlor
afterwards, the Gunsams staying
until nearly 4. After that we
old boys took another short
walk. The second evening passed
much like the first. He had
a little basket of nuts to distribute
it. Dick seems in good spirits
& Dana uncharacteristically well.

Concord (Farm & Ball's Hill)

Dan & Dick leave, H. W. Henshaw
Ther Wednesday, Oct. 27, 1915 Wea
arrives, Charles Carter calls. Perfect.

Clear & almost uncomfortably
warm with light southerly wind.

Dan, Dick & I had a short
walk about the place immediately
after breakfast. Dick departed for
Cambridge at 9:30 a.m. After
that Dan & I went to Ball's Hill
via Davis Hill, returning by way
of Holden's Hill. Started seven
Partridge. Very many juncos &
a few Yellow-rumps, in flocks.
Big flock of juncos in woods.

H. W. Henshaw arrived from
Washington at noon. His sister
Bernie died at Westboro early
yesterday morning & is to be
buried at Cambridge on Friday.
Henry, Dan & I dined together at 1.
Charles Carter called at 3 to bid
me good bye. It was good to have
him here with Dan & Henry. Dan
left us about 3.30 to spend night
at the Henshaws & to return to H. W.
to-morrow. Henry & I spent evening
talking in garden.

Concord (Farm & Hill)

Ther Thursday, Oct. 28, 1915 Wea
Perfect.

Water froze & snow from Whitcomb
all the fields, except in the
day was decidedly warm & almost
perfectly windless. Some of the oak
foliage has put on brilliant tints
of red within the past few days.
The high blackberry bushes still
showing red or deep wine color when
retaining leaves.

Loos of juncos, a good many
Robins & a few Yellow-rumps, flicking
about, foraging. Flock of 75+ Crows
circling high in air, with occasional
cawing, at 8 a.m. Flock of 12
Horned Larks flying low S.W. and
back later. Henry saw 2 Song Sparrows
& 3 White-throats in lawn.

Spent most of day out of doors.
In a.m. marked a lot of wild
apple trees in Long Pasture for grafting
next spring. Working with me there
in P.M. with the men. Henry purchased
golf in Boston harbor.

Concord (Farm)

Ther

Friday, Oct. 29, 1915

Wea
Fair

Partly sunny, largely cloudy with
brisk shower in forenoon. Light
southerly wind. Rather warm.

Not many birds. Several Robins, one
White-throat & a dozen or more
Juncos; in & about orchards & lawn.
Single Tit lark flying over, piping.
About 50 Crows circling high with
an outburst of cawing, at 8 a.m.
Pheasants calling at sunset. A
Partridge fly out from apple tree near
lawn (after sunset had doubtless
been building there).

Spent entire day with the men
2 carpenters, Harris & helper, Moulton
& Casper, Hunsberrill, Zeph & George.
The entire place is in disorder
which seems hopeless, but I trust
may soon be set right. I walked
to Puffer Rock with Jim at sunset.
Harry went to Wellesley & Cambridge
for the day. Gilbert returned from there
1 hr. Saw two female Cardinals in Cambridge,
2 P.M. He got back at 4.30.

Concord (Farm)

Ther

Saturday, Oct. 30, 1915

Wea
Fair

Abundance of Hawks

Partly cloudy, mostly sunny. Cool, with
raging N.W. wind.

About 15 Robins & as many Juncos
in shrubbery along lawn & windy places
in orchard. 5 Purple Finches among cedars
in Berry Pasture. More Juncos & at least
one Yellow-rump, besides 5 Chickadees,
in Birch Field. 7 Chickadees & a Cuckoo
in Prescotts Pines. About 50 Crows
migrating over S.W. at 11 a.m. 2 Crows
Pheasants in Berry Pasture. A
Partridge in Birch Field.

Excepting Red-shouldered & an Osprey
I have seen no Hawks this autumn
— literally, not one of any kind.

Spent most of forenoon with the
men, nearly all of afternoon reading
the woods with 20 g. gun & "Jimmy"
hoping to bag a Partridge or a Pheasant.
Started only once, from Birch Field,
& 2 of latter but did not fire a shot.
Harry went to Boston via Cambridge, with
Gilbert. They got back at sunset.

Concord (Farm)

Ther

Sunday, Oct. 31, 1915

Wea

clear & beautiful fine

Brilliantly clear with fresh, cool N. W. wind falling to calm before sunset. No frost last night.

Very many juncos at feeders & or so Robins, a White-throat & a Song Sparrow, flitting to & fro along the lane & about the mullet patches in orchard. Chickadees & a Goldcrest in Cedar Ponds. 3 or 4 Fox Sparrows (the first) & a Blue-winged Teal in the River. One Partridge started in Beech Field. A Yellow-rump there & another in locust front of house. Only a few Crows, all apparently local birds.

Henry & Gilbert off all day, nothing to Halloway & Newton. I wrote letters for two hours in forenoon & again after dinner. Spent remainder of day roaming about in the woods with "Jimmy". He visited Beech Field twice & followed the River for its entire length.

Concord (Farm)

Ther

Monday, Nov. 1, 1915

Wea

Fair

Partly cloudy, mostly sunny but densely hazy. Very warm with fresh S.W. wind that brought light rain in early evening.

The Farm & its outstretches fairly flooded with small birds at 8 a.m. and more or less through day. Most of them were Robins & juncos. Of the former I saw at least 75 in one straggling flock passing overhead, rather high, shortly after breakfast. They alighted in Beech Pasture & after woods scattered about feeding in bushes of various kinds. Of juncos there were 40 or more in & about the inner mullet. Both there were at least 3 White-throats.

I saw 6 Goldfinches in Barn & heard a Pine Siskin there. 15+ Purple Finches in cedars. A single Titlark & Yellow-rump.

Spent most of day with Carpenter (Hosmer & son) & Mason (Harris & son). They hung gates & began building around well. Decker came down to dinner & spent afternoon. We had short walk Henry, returning from Cambridge & Boston, joined us at 4 P.M.

Concord (Farm)

Ther Tuesday, Nov. 2, 1915 Wea
7 in

Forenoon sunny & very warm up to 11 o'clock when a big black cloud bore down on us with thunder & a terrific gale of wind which stripped the refined foliage from most of the trees & filled the air with clouds of whirling leaves. After that a raging & rather cold N.W. wind blew steadily under a cloudless sky.

Juncos & Robins scattered about fence lands & were numerous, both species singing freely & well. A Fox Sparrow in full, glorious song in run at 7 A.M. A dozen Crows migrating towards S.W. Two Starlings flying in same direction. A Bluebird call heard.

Spent most of day supervising work of men. Out with Jimmy & gun in late P.M. Started 3 Partridges but did not shoot. Henry mowed. Westons. Dexter came down to lunch with me.

Concord (Farm)

Ther Wednesday, Nov. 3, 1915 Wea
Mixed
Pheasant shooting.

Early morning and late afternoon sunny. Clouds overspreading sky from 10 A.M. to 3 P.M. with frequent showers of fine rain. Strong, cold N.W. wind all day.

Lots of juncos & a few Robins about farm especially along lane. 4 Fox Sparrows in them. Several Pheasants & a Rusty B. in corn field front of house. One Yellow Warbler. Bluebirds heard falling. Small, struggling flight of Southward (S.W.) - Ground Crows. 2 Geese seen by Henry H.

Just before breakfast I took 20 gauge gun and stole down to corn patch in front of house. Following the western edge I had nearly reached the far end when a hen Pheasant flushed & quacked to right flying high & very droopily. She fell dead to my first barrel. The second brought feathers from another hen that rode behind me. One she kept on. At noon I saw a fine cock deep into the corn. He flushed, at the lower end of it & was instantly killed by my heavy charge as he flushed to right 30 yds off.

Concord (Farm).

Ther Thursday, Nov. 4, 1915 Wea
H.W. Henshaw departs. Fine

Sunny but partly cloudy & rather breezy.
Mild for season with light southerly
wind. A sprinkle of rain after dark.

Not many birds seen James. Of
these at least 75 at Benson's pasture
according to Henry who was there
golfing in forenoon. I saw about
25 at the farm. Only one Robin
(in lawn), 3 Starlings flying low
just back towards Lawrence's.

Several Chickadees & a Gold. crest
in Run. No sight nor sound of
Pheasants. Only a few Gray Squirrels
about the place now. Saw one Red
near barn. Also a big Gray Cat.

The first & only one this autumn.

Something killed & devoured one of our
hens last night leaving the cleanly-
pecked skeleton in a freshly dug hole
a foot deep. No flesh whatever nor
any feathers but only the entrails & bones.

4 small tracks that looked like a Skunk's.
Henry & I hunted over the hen Pheasant
plot yesterday. He started to Cambridge
at 1.15 - 2.15 & took Richard & I to W.
I spent most of day with the hen.

Concord (Farm)

Ther Friday, Nov. 5, 1915 Wea
Stormy

Raining all day at times heavily.
Strong, cold northerly wind settling
in N.E. at night fall.

A solitary Robin & a dozen or more
juncos seen along our lane were
literally all the birds I noted.

Spent entire day in wood shed
where Harris relaid part of the
brick floor and put up a very
pretty wall of gray stones on both
sides of fire place, replacing much
inferior ones erected by him many
years ago. Burned at Carpenter
well in garret. Gray sawing wood.
Left hewing oak planks. Monson
& Cooper did not appear.

I rearranged my tool closet &
planted a lot of bulbs in front
of shed.

Oak foliage showing a good deal
of firm lime red coloring these past
few days.

Ex. 100 - Cambridge

Ther Saturday, Nov. 6, 1915 Wea
Fine

Clear and cold with strong N. W.
wind. Hard frost last night.

I moved on road SE corner from
ricket in orchard. Heard ground
squirrels' flight C. Ls. & new voice.
one robin on lawn. I heard
Partridges near all at once, & in
within a yard of our window in
the berry: Partridges were in the

Spent forenoon in & about upper
part of upper canyon, saw many
rocks of same, following by the
side of river. Noticed & Casper
found a deer; also Harris who stayed
until noon, mostly collecting fossils.
made in several new beds.

[illegible]

схемы из.

Ther Sunday, Nov. 7, 1915 Wea
Time

Clear & frosty with light northerly
wind. surface of ground frozen in
early morning. Warm in sunny places
at midday.

in garden: 1 Chickadee, 1 Goldfinch
(heard), 1 House Wren, 3 W. in Trees,
Goldfinch, near it, about 6 from a Hawthorn
Many trees & shrubs still covered with
thin fringe. That of Jap. very rich,
colored. Debris of *Isobella* grass on
road. In at road a yellow. Marigold,
a few, & a few other flowers still
in bloom.

[illegible]

Harry & Allen (Barnett) collected in 1900.
Harry & Daisy regarding 1901.
Long Island Sound.

Cambridge.

Ther Monday, Nov. 8, 1915 Wea Glorious

Perfect blue sky, sunnier day, windless with
a cool, soft sunlight and dry breezy
air.

Garden teeming with interesting
life. Saw a l. n. s. s. s. & a
♀ juv. which alighted in a leafless hawthorn
on road front of museum & remained there at
least 100 minutes, about 11 A.M., which
I never saw fly before, watching her.
She was a dull colored, brownish of
one eye & leg, but had some rich brown
on breast. There were also a brown wing,
a red. crest, a nikodm, a thick br.
nickolek (heard), a thick br. s. s. s.
& pulling about 1000 in thick br. s. s. s. in
thick thick br. s. s. s., 5 thick br. s. s. s.,
a jay, a thick br. s. s. s., the Goldfinches & thick br. s. s. s.
coming and far off.

Worked in garden all day, trying
shrubbery along paths, planting bulbs in
out our thick br. s. s. s. & thick br. s. s. s. &
thin thick br. s. s. s. & thick br. s. s. s. &
to thick br. s. s. s. & thick br. s. s. s. &
to thick br. s. s. s. & thick br. s. s. s. &

Cambridge.

Ther Tuesday, Nov. 9, 1915 Wea Fine

Sunny and mild with brisk S.W.
wind. Clouds gathering at sunset.

In Garden:- Chickadee (heard), Gold crest,
3 White-throats, Goldfinch (heard), a Jay
a thick br. s. s. s., 3 Gulls (high in air).

Spent most of day in Museum
writing letters & checking for bills.
In Harvard Square at 2 P.M. became
a broken molar the fractured
portion of which was removed by
Dr. thick br. s. s. s.. Two called at thick br. s. s. s.
to get some thick br. s. s. s. for them.
A lady called in for a thick br. s. s. s.
to see me as to Mrs. thick br. s. s. s.
house. She cannot afford to pay the
bill sent now that her husband is
gone. I advised her to send to
"Mrs. thick br. s. s. s." for the last year of
her lease beginning on May 1, next.
Working offends of thick br. s. s. s.
Charles & Mills sent two men to see about
the thick br. s. s. s. & played thick br. s. s. s. for
two hours at thick br. s. s. s.

Cambridge.

Ther Wednesday, Nov. 10, 1915 Wea
Fair

Clear & cool with fresh N.W. wind.

In Garden: a Chickadee, Kinglet,
Downy, Yellow-rump, 2 Juncos,
5 White-throats, several House Sparrows
and a Jay.

Spent most of day out of doors
superintending work of men.
Electricians wiring for outside lights
one house & Museum; Billcliffe
working on exterior covers of
pigiron house; Percy & John
rolling beams & digging up
things. C. in town with the motor
in forenoon. Gilbert went to
conferred for supplies before noon
& in afternoon went again to
station for books & Columbia
records & which we played a
lot the evening, getting only a few
that we shall keep.

"Percy" called with order to have
at 6 P.M. Mr. Solge came late. He
says it is not necessary. Percy has
called "Percy" for the night.

Cambridge.

Ther Thursday, Nov. 11, 1915 Wea
Fair

Sunny but hazy with clouds gathering
in late P.M. Mild with light southerly
wind.

In Garden: A Chickadee, Creeper, White-b.
Nuthatch, Blue Jay, Downy, 5 Juncos,
3 White-throats, 2 Fox Sparrows (one singing
bravely & fully) / about 8 House Sparrows

Spent most of day in Museum
writing letters. Bradford Sudden
called in P.M. to smoke a cigar
& have a chat with me. Her reports
that the ground was beautiful south of
Boston.

Gilbert & Percy put the aquaria
in order & netted most of the fishes
in the pond, getting five Goldfish,
2 large Humpbacks, several Bream
& the Skipped Doer. No trace of
the newts or Frogs. & only two Snails
found.

Billcliffe working on front of door out
& Charles & have men on wiring for new
inside lights.

Cambridge.

Ther

Friday, Nov. 12, 1915

Wea
Dull.

Cloudy, calm & mild with a light
sprinkle of rain drops every now & then

In Garden: ⑥ Chickadees, a Gold-crest,
Grackles, House Br. Nuthatch, 3 Juncos, 3
House - wrens, about a dozen House Sparrows,
a Jay, a Flicker, a Downy, 3 Herring Gulls (over)

Spent most of day in Garden & Museum
superintending work of men. Percy &
John put up wire fence in jungle,
Billings took out E. end of Agassiz House,
Peaks men cottoned ledge over front door,
Clark & Mills were working for new
outside lights; Harry Spelman called
at 11.30 P. M.

Gilbert married C. to Saturday after-
noon. our home for evening in room
with Doris Fuller. Her eyes very bad
to-day. She could not recognize my
features in good daylight only when very
close. We walked around Garden with her
at 4 P. M. I leading her all the way.

Cambridge.

Ther

Saturday, Nov. 13, 1915

Wea

C. goes in town to Abbotsford.
Gilbert in motor car accident. Fine

Brilliantly clear with bracingly
cool yet not, in the least, chill N. W. wind.
Altogether a rare November day!

In Garden: Chickadees (heard), 3 White-throats,
2 Juncos, a Goldfinch (heard) & a Jay.

To Harvard Square at 10.15 A. M.,
motoring down to keep 10.30 appointment
with Mr. Henderson who located on my
brother's birth. ~~about~~ ~~at~~ ~~home~~ & is to
talk with it whether later on. Walked
home reaching home at noon. C. meanwhile,
went over into Boston, to the Abbotsford,
where she is to spend about a week taking
a form of not over the water. Gilbert's
car is! Miss Bradburn is to go with her &
will bring her to give her message.

Gilbert took her in the ~~motor~~
motor at 1.30. She passing through
Cambridge he saw with a Ford car driven
by J. B. Smith of that town. Managing it
& our car was badly. It seems to have
been mostly Smith's fault as a school
leaving him with no hand by telephone. He is
a bit of "call it as you see" as to damage

Cambridge - Boston - Concord

Ther

Sunday, Nov. 14, 1915

Wea

Dull

A gray November day, cloudy, calm & chilly but not cold although ice formed over night & hoar frost coated every blade of grass this morning. Now, 8 P.M., a light rain falling.

In Garden: A Chickadee, a White throat 6 or 8 House Sparrows.

To Boston at 10.15, Met C. at St Paul's at 10.40. Beautiful music; address from pulpit by Bishop Lawrence who announced death of Booker Washington & paid him high tribute in terms of deep feeling. Walked half way across Common with C. after church & then returned to Cambridge. Miss Allyn dined with E. R. S. & me. Dick Davis called at 2.30 & motored me to Concord in his Cadillac, Gelbair following in the Ford. I had a solemn stroll through Berry Pasture, before dark, with "Jimmy". He flushed a Partridge. Pheasants calling in their directions at around 7 o'clock Sparrows & Chipping

Concord (Farm)

Ther

Monday, Nov. 15, 1915

Wea

~~Fox~~ barking at evening. Stormy

Raining heavily all forenoon with strong, chill N. E. wind. Everything betokened a prolonged storm but blue sky began showing at 2 P.M. and by 3 the sun shone brightly. The wind had then veered to westerly. It blew a living gale out of the N. W. at 8 P.M. & through the night.

Out-of-door work not to be thought of because of weather conditions just noted. So Benbrook, Leph, George & I spent most of day in Bungolows shed sorting & filling lumber on the racks at the rear. It was chilly work in the keen east wind towards sunset. I went to Pulpit Rock woods with little "Jim". They seemed lifeless & rather dreary but he evidently enjoyed racing through them, buoyed up by hopes of starting game there failed to be found. Near the house I saw a few juncos & a Dovey visiting the feed. A Hawk & a Golden Crest heard. As twilight fell a Fox barked hoarsely, a dozen times or more, in Berry Pasture

Concord Farm

Ther

Tuesday, Nov. 16, 1915

Wea

Brilliantly clear with high, cold N. W. wind. Surface of ground stiff with frost all day in shaded places.

At least 75-100 juncos feeding all day in sweet millet in orchard. One Tree Sparrow with them. A Fox Sparrow in Berry Pasture. 40+ Crows migrating low S. W. at 10 a. m. One Pheasant flushed in Cedar Park. These all the birds I noted. Dexter saw a flock of about 25 Horned Larks fly from a ploughed field in his. Horned Lark

Spent entire day in Berry Pasture where I had four men at work. Left & George hunting out brush, Mose & Capen grubbing it up along new line of roadway. Working with me all the time. After the men had gone he & I had a great start by ourselves to Bush Field. Dexter came down to dinner being up on the Sugar Hill, & a Doe & a small Horned Lark

Concord - Cambridge

Ther

Wednesday, Nov. 17, 1915

Wea

Fine

Clear & cold with fresh N. W. winds (Calm & hazy in early morning with surface of ground hard frozen).

Big flock of juncos (not less than 60) in middle patch. With them one Tree Sparrow and a very tame & rather nervous looking chipping sparrow. I saw a dozen Tree Sparrows in Berry Pasture making the usual in-bill tickling. A few juncos in there. 2 Chickadees, a Nighthawk & a Goldfinch, and about 20 crows, in bush field. Horned Lark flying high & calling. One Fox Sparrow.

Spent forenoon clamping to dogs in Berry Pasture, Bush Field & about Farm, representing work of four men. We cut some, put up stones down on shed, took some more etc. Mose & Capen still working in Berry Pasture, & some rounds buying wood.

I took a life from at 11:00 & started to Cambridge. Cold ride but country very pretty in late afternoon sunlight with soft, especially handsome looking of birds & trees. Arrived at 6:00 in Cambridge.

Cambridge - Boston.

Ther Thursday, Nov. 18, 1915 Wea Perfect.

Brilliantly clear & almost perfectly windless with warm sunlight and keen, dry, frosty air. Altogether an ideal late autumnal day.

In Garden: A Chickadee, White Throat about 15 House Sparrows, a Goldfinch, and a John-Breasted Nuthatch calling note-note-note in country field trees.

Although most of our trees are now quite bare a few retain autumnal tinted foliage which that of the ivy on Museum walls is still abundant and very brilliant. There are also a few flowers still showing as Camassia, yellow day I left yellow Camassia, Helianthus, purple lilies, delphinium & some dandelions, in bloom.

Dan & I went about the place after breakfast. He departed at 8:30. I walked in Museum until 1 P.M.

Went in garden after dinner. Saw yellow & green autumn color of foliage. Camassia, Helianthus, purple lilies, delphinium.

Cambridge.

Ther Friday, Nov. 19, 1915 Wea Stormy
Bal. Oriskany reappears in garden.

Heavy easterly storm, with violent wind and floods of rain, beginning about 9 A.M. & over by 7 P.M. When the clouds parted & the moon shone out. Morning chilly, evening almost sultry.

In Garden: Two Blue Jays seen and a Chickadee heard. Baltimore Oriole & jv. in Tupelo by pond at 9 A.M. Staying there about 2 min.

Spent entire day in Museum writing & filing letters etc.

Billcliff & another carpenter worked on pigeon house extension most of forenoon, despite the rain.

With an Agent of Tel. & Tel. Co. I agreed to have a telephone installed in Museum about December 1 and signed a contract for its use for one year. It is to be wholly independent of the one in house.

E. R. S. went to her Bar at 5:30 & I passed a solitary evening in hall, reading war news & playing Victrola.

Cambridge.

Ther Saturday, Nov. 20, 1915 Wea
~~Spars~~ ~~hards~~ Fine

Clear & cooler yet not frosty.
 Fresh westerly wind.

In Garden - (1) Chickadee, (3) Gold-crests,
 a. Peeper, White br. Nuthatch (nest),
 a. Juncos, (3) White-throats (singing),
 a. Jay, a. Flicker, a. Downy, a. Gull
 (singing high), (2) Sparrows hawks, ♂ & ♀,
 flying low & softly S. W., one in the
 presence of the others.

Spent forenoon in & about Museum
 giving my chief attention to work
 Billcliffe was doing on part of
 pigeon hawks. The new exhibit
 were cage was put up & the whole
 forenoon seemed to enjoy it.

To Harvard Square at 3 P.M.

Spent half an hour at Backus
 selecting flowering plants for house
 & over to Lord in corner of C.

Then to Museum compare with others

I saw Bangs & Henshaw. Walked
 home in gathering twilight.

E. R. S. went about in hall after tea

Cambridge - Boston.

Ther Sunday, Nov. 21, 1915 Wea
 Dull.

Cloudy & mild with light S. W. wind
 and a few raindrops every now & then.

In Garden 2 Fox Sparrows, 2 White throats
 and about 8 House Sparrows feeding
 together on ground, front of Museum,
 at 9 a.m.

Went in town with Irving Fuller
 starting at 10.15. Met C. at
 St. Paul's. Dean Roumanian preached
 music exquisitely beautiful. C.
 returned to Abbotford in car,
 Irving & I to Cambridge by subway.
 Found Mrs. H. Forbes calling on E. R. S.
 Kenneth Wilton soon joined us. After
 him came Outman Bangs who took me
 up to Mr. Anderson & back in his new
 "sevens" - Knight car, a very smooth
 running one. He had no license, besides
 Miss Ullman, Walter & Margie Darn.
 Walter stayed on until 6. Dick Darn
 called with a big fresh lobster he had
 just bought. Mrs. C. came at 7.30
 I walked home with her. E. R. S. sent

Cambridge - Concord.

Ther Monday, Nov. 22, 1915 Wea

25° new Muskrat house in sight from Caribou Bridge

Clear & cool with fresh westerly wind. Surface of ground hard frozen but sunnier, muddier thro. day.

In Garden Chickadee; Gold-crest & White Throat heard, Crow & Jay seen.

Concord. Gold-crest (heard), Chickadee (heard), Tree Sparrows (5 near Caribou Br. 2 at Farm) / Fox S. (1 " " " ")
Juncos (12 at Farm (15 " " " ")
House Sparrows (20+ " " " ")
Crows (6 Bedford), Hairy W. (1, Farm)
Partridge (2 Bear P.) / Pheasant (8, Farm)

Leaving home at 8.17 A.M., Gilbert & I motored to Concord, reaching Fair about 9.30. Saw 6 Crows in Bedford, mixed lot of Sparrows near Caribou Br.

Spent remainder of forenoon in Berry Pasture where Zeph, Mouson & Casper were building causeway across run. In P.M. cut Christmas trees in Noble Field with Birchbark "Jimmy" with me all day, he had a hen Pheasant.

Concord (Farm & Ball's Hill)

Ther Tuesday, Nov. 23, 1915 Wea

Fair

Partly sunny, mostly cloudy & very hazy. Frosty at noon & eve, mild through mid day hours with light S.W. winds.

Bird life not abundant. About a dozen juncos with 2 or 3 Tree Sparrows frequenting Miller's patch in orchard; a Hairy W. in neighboring wood land, an im.

Red-shouldered Hawk flying over run; 2 Chickadees, 2 Goldens-crests & several juncos, at Ball's Hill also 3 Partridges started all together there. Cock Pheasant flushed in run & other heard calling further off. Several (at least 5) Muskrat houses along river near B. H.

Spent forenoon at Ball's Hill, working down via Russell farm & Lewis Swamp, returning via Holden's Hill. I've put everything in order for winter in & about cabin, & brought back a wagon load of leaves. Worked most of P.M. in Farm run with Mouson & Zeph.

leaves tree in Berry Pasture where Zeph, Mouson & Casper were building causeway across run. In P.M. cut Christmas trees in Noble Field with Birchbark "Jimmy" with me all day, he had a hen Pheasant.

Cambridge

Ther

Friday, Nov. 26, 1915

Wea
Perfect

A duplicate of yesterday as regards weather, with essentially the same deep blustery, windless air & clear, albeit pale, sunshin

In Garden: - 2 Chickadees, 2 Gold-crests, a White-throated Sparrow (heard), several House Sparrows. Jays much less often in evidence than they were at this season last year. Perhaps they will increase in number & in the frequency of their visits later on.

Spent day in & about Museum giving much of my attention to the work of a carpenter on the pigeon house, also writing letters & cheques for bills. Three men appeared just after dinner to install a telephone in Museum but they departed soon without doing much.

To the Sparks St. I saw home at 7.30 to dine with Mary & George & Barbara Carter. Found I had mislaid the time but which was really 6.45. Stayed on until 9.45 & engaged as greatly.

Cambridge - Boston

Ther

Saturday, Nov. 27, 1915

Wea
Fine

Sunny but hazy. Dead calm all day. Mild but chilly. Heavy hoar frost in early morn. Clouds gathering at sunset.

To Harvard Square at 10 a.m. to meet appointment with Dr. Andrews who worked on my teeth until 11.30 when I went to Boston. Spent next three hours mostly in our office when I saw Arthur & Mrs. Haley who had come down from Haverhill. Lunched at Marlboro.

Leaving office at 3 P.M. I went to Stewart's and ordered books for list from the Victor Deane's Catalogue. Then to the Abbotsford where I spent an hour with C. who seemed much better and was busily engaged rolling bandages for the soldiers in Europe. Home by 5.45.

E. R. S. returned from Bangor by the night train reaching Boston this morning. He spent evening together in hall the reading about from "The Duller's children"

Cambridge

Ther

Sunday, Nov. 28, 1915

Wea
Fine

Clear, calm, mild. Heavy hour frost
whitening everything in early morning.

In Garden: Hermit Thrush (perched on
low branch of linden just under my
window at 8 a.m.) Chickadee (heard)
Golden-crust (heard); White-throat (3),
House Sparrows (2), Crow (2 perched on
jungle), Flicker (2), Downy (heard)

Spent most of day in Museum
working letters. Had intended to
meet C. at St. Pauls Church but
felt too tired & otherwise "out of kilter"
to make the trip. We had another
concord from Willey for dinner &
as guests Mrs. Cobb, Loring Fuller,
Alice Allge & Constance Wilbison.

Harry Spelman called at 8 P.M.
to get dates for drawing a duck
to the Lord at Concord that
have bought recently of
John Anderson.

Cambridge

Ther

Monday, Nov. 29, 1915

Wea
Stormy

Baltimore Oriole reappears
Dark cloudy with light easterly wind, and rather
heavy rain. Clouds breaking away & sun shining briefly later.

In Garden: Chickadee (heard), Gold-crust (do),
3 White-throated & 5 or 6 House Sparrows, Crow &
Downy W. seen on wing. Her Gull high overhead.
As I was standing on Museum steps about 4 P.M.
a Baltimore Oriole, no doubt the same as that
noted on 8th & 19th inst., alighted in paper birch
some ten yds off and remained there; in company
with 2 House Sparrows, at least 5 minutes, thrusting
its sharp-pointed bill into the birch cones and
apparently extracting & eating their seeds. Thus
engaged much after the manner of such *Tringillidae*
as Goldfinches, Redpolls & Juncos, it dealt with cone
after cone to the number of a dozen or more all told.
After viewing it long & critically through my glass
I went at once to my series of Oriole skins &
found among them several young ♂♂ in autumnal
plumage (shot in Aug. or Sept.) which so exactly
matched this bird very closely. It was, indeed, quite
obviously of that age & sex - a normally colored specimen
& one in immature plumage showing, moreover, in
beak, health & full vigor. As on this bird previous
occasions it uttered no note of any kind & presently
disappeared while I was looking elsewhere.
To Dr. Anderson at 11 A.M. He worked on
my teeth until 12.30. Spent remainder of day
in Museum working letters etc.

Cambridge

Ther

Tuesday, Nov. 30, 1915

Wea
Fine

Clear & rather cool with light westerly wind

In Garden: 2 Chickadees, a Gold-crust,
2 White-throats, several House Sparrows

Spent day in and about Museum
superintending work on pigeon house &
the putting up of electric lamps to light
the walk from rear of house into garden
and to Museum

Mrs. Cobb & Daisy Fuller called at 8 P.M.
After Chas. E. K. S. read Frodo to me
until 9 when Harry Spelman came
bringing a deed that he had drafted
for the Barre land. It proved
faulty in respect to one detail so
he took it away & will send a revised
copy to me at Concord.

Cambridge - Concord

Ther

Wednesday, Dec. 1, 1915

Wea
Perfect

Brilliantly clear and almost
wholly windless. Frost at noon &
even, just bracingly cool through day.

In Garden: at least one White-throat
chirping and 2 jays screaming.

Concord Farm, 3-4 P.M. Six or eight
Tree Sparrows in orchard calling to
one another in pleasing chorus of
clear, tinkling notes. Brown Creeper
and Hairy Woodpecker heard near
Pulpit Rock. Partridge flushed in
trees.

To Harwood Square at 9.30.
Dr. Andrews kept me two hours,
filling three teeth.

Gilbert & I left home at 2 P.M. &
motored to Concord via Haverhill
Belmont Spring & a new road leading
over pasture ground through fields to
Lexington, thence by way of Bedford &
Charles Bridge. No trace of green in
country except. Reached Farm at 3.15.
Walked to Bird Field and from it to Concord

Concord - Cambridge.

Ther Thursday, Dec. 2, 1915 Wea Stormy

Rosy sunrise over heavily hoar-frosted landscape. Clouds gathering through forenoon. Snowing fast by 12.30. It ceased by 3 P.M. Only a thin blanket of a fall or at least remained unmelted. Dead calm all day. Air intensely chilly. Ground hard frozen. Several juncos (white-throated) & also yellow-crowned vireos, unharmed by frost, in front of house. At Concord Farm: 30 or 40 Tree Sparrows &

a few (5 or 6) juncos flitting about melting patch chasing one another to & fro among the apple tree branches, ^{a single Robin flying low S.} 1 Downy or Sooty (just up last spring); 2 Golden-crests in Birch Field; 30-4 Canada Geese flying low, due south, over Green Field & Benson's house at 11.30 a.m. Heard them first after off to N. Good view of them passing a minute or two later. They flew in V-formation & honked faintly. Saw with 2 Partridges in Birch Field. Cock Phoebe feeding front of house at noon.

Gilbert met John Barron at Concord Village at 8.45 & brought back signed & returned deed to the land I have just bought. Meanwhile I staked it out - a strip 10' wide by 471' long - Moulton, Cooper & Burbank helping.

Burbank & I went later to Birch Field & cut more pine for Christmas green. Also having killed a Plymouth Rock pullet - & was warmly thanked for it.

Gilbert & I left Farm at 2 P.M. & returned to Cambridge via Arlington & took Park St. car & Phoebe in heavy frost in description

Cambridge.

23 Ther Friday, Dec. 3, 1915 Wea Dull

Cloudy & mild but intensely chilly with little or no wind. The light snowfall of yesterday, all melted to-day.

In Garden: White-throated Sparrow heard, half a dozen or more House Sparrows seen.

Spent day in Museum supervising completion of work on pigeon house. It has outlasted what I had anticipated many times because consisting of series of experiments with pulleys, slides etc. & letting the birds out & in by means of cords worked from below & passing for the most part, unobserved at first.

Walter Tappan called last 9.30, staying through forenoon. He has changed his original views materially respecting the Great War and seems now inclined to favor the German side of the latter liberally. I gave him two sets of all my duplicate copies of my writings (one for Dr. Tyler). Also spending a lot of time among E.R.S. having gone to the Bee.

Cambridge - Boston.

Ther

Saturday, Dec. 4, 1915

Wea
Dull.

Clear & cool with light northerly wind.

To Harvard Square at 9.30. Dr. Andrews
walked on my teeth until 11, finishing with
them. As I sat in his chair a Gull
appeared occasionally, soaring high. Over
a Crow alighted on roof of Sever Block,
remaining there several minutes.

I next went to Market for hair cut.
Then to Boston where I remained at
our office most of the time from noon
to 3 P.M. when I visited a store
on Arch Street to look at safes &
ball cases. Then to Columbia Graphophone
plant to get a record. Then to
Edison Phonograph Agency on Boylston St.
where I heard several records played
by one of their instruments. Although
its tone was very sweet & pure I
somewhat did not like it.
Reached The Athlone at 4 & spent
an hour with C. who seems much
improved in health. Home by 5.30.
E. R. S. read aloud to me after dinner.

Cambridge - Boston

Ther

Sunday, Dec. 5, 1915

Wea
Fine

Clear & cool with light northerly wind.

In Garden: a Chickadee, a White-throat,
several House Sparrows; across Brookline Street,
in Hubbard Park, a Flicker, a Downy, 4
Crows stalking about on gravel walk in
winter yards of adjacent houses.

To Boston at 10.30. Met C. at
St. Paul. Dr. Roumanou presided. Devotionally
earrified music. After service walked
across Comm. & Public Garden to
Dedmore St., with C. A Downy Woodpecker
in elm in Annisquam St. Ave. Mall.
Returned via Subway reaching home
at 1.30. Miss Allie, E. R. S. & I dined
together & had beehive music afterwards.
After that I wrote letters in Museum
until almost supper time. After
supper E. R. S. read aloud to me
from The Dicks that dream.
No calls to-day.
Grass on Comm. & Public Garden as
green as in mid April.

Cambridge.

Ther

Monday, Dec. 6, 1915

Wea
Dull

Cloudy & very chilly yet not cold for the ground was muddy in our garden paths. A few snow flakes falling occasionally.

In Garden: a Chickadee (at suit), Goldcrest (heard), White-throat Sparrow (chill. plumaged, chirping among shrubbery front of Museum), several House Sparrows, a Jay, a Flicker (heard)

Spent day in Museum writing letters and rearranging things in my desk and illustrating "Jimmy" with the rest of time. He dislikes the cold & loves my open fire. No one called today. The Carpenter worked for an hour or two finishing his various miscellaneous tasks.

Nuttall Club meeting this evening, rather largely attended. Annual election of officers - all re-elected. Peters gave us an interesting talk on Birds observed along coast of the Carolinas last summer. I showed slides with supposed fossil footprints. Townsend & others presented a paper & some fossiliferous.

Cambridge.

Ther

Tuesday, Dec. 7, 1915

Wea
Dull.

Thin cloudy, chilly & almost windless. Surface of exposed ground frozen over night muddy at mid day. Our lawn still green.

In Garden: a Golden-crowned Jay, Flicker and 4 or 5 House Sparrows.

Spent day in Museum writing many letters including one to Harry Brown and another to Carl intended to reach them at Christmas time. My daily mail has been uncommonly heavy of late requiring much work to keep it answered.

E. R. S. read President Wilson's annual message aloud to me this evening - a long winded document inferior in literary merit to what he has written before but not deficient, we think, in wise advice.

Cambridge.

Ther Wednesday, Dec. 8, 1915 Wea
Snowy.

Dark cloudy with fine, dry snow flakes falling ceaselessly yet not thickly enough to cover the ground to a depth of more than an inch by nightfall, although loading every lined branch & twig, there being little or no wind.

In Garden a Chickadee & a Red-bellied Nuthatch at the Suet, several House Sparrows in shrubbery, a dozen or more Gulls drafting high overhead towards the sea.

The Nuthatch, a dark-colored ♀, attacked the Suet vigorously, as if very hungry, eating it greedily at first, but after awhile she began taking off small fragments, no doubt to cache them somewhere, although that I did not see.

To Batchelder's at 9.30 a.m. to discuss N. E. Foster Club matters, with him & Barbour. We spent whole forenoon talking them over.

In afternoon I wrote a lot of letters. E. K. S. read aloud to me after dinner this evening - from "The Duller Children".

Cambridge Mass.

Ther Thursday, Dec. 9, 1915 Wea
Fair.

Sunny but hazy, mild but chilly, at times windless.

In Garden a Chickadee, a Red-bellied Nuthatch (certainly not the bird seen yesterday) and two or three House Sparrows visiting. The Suet in catopra tree about 9 a.m. Later I saw a ♂ Downy in this tree, but not at the Suet. Earlier than was a Robin Jay in the lilacs. I heard a Golden-crest, also.

Spent most of day in Museum writing letters & copying field notes. In late P.M. received from Harold Young letter which contained my signature to an application for a 1916 automobile license. Also called at Harvard Coopration, where I left a reply note to be returned & bought a few things.

E. K. S. read aloud to me in the evening when Barbour called & got some of Millwall Club records.

Cambridge.

200

Ther

Friday, Dec. 10, 1915

Wea

7 in

Council Meeting Nuttall Club
Considers publishing Humbug Birds

Clear & cold with high N. W. winds.
Ground hard frozen & coated thinly
almost everywhere with snow or ice.
Thus really wintery conditions are begun at last.

In Garden: a Chickadee (at suet), a
Golden-crest heard, 2 or 3 House Sparrows
seen. Percy saw 2 Flickers, Gilbert a Hairy W.

Spent day in Museum, writing letters
in forenoon, going over Umbagog M. S.
in afternoon preparing to presenting
facts and estimates regarding it at a
meeting of Council of Nuttall Club this
evening attended by Jeffries, Batchelder, Bangs,
Walter Deane, G. M. Allen, F. H. Allen &
Mr. Bosson. Thus we had all the
members present save Townsend. They
met in my study where I put on the
open fire an oak block from one of the
rafters of our old barn. We discussed
ways & means of publication until nearly 11.
They finally voted unanimously to undertake
publication & appropriated \$1200. with the
understanding that I contribute \$1000. towards
the cost of this first volume & perhaps
something more for the second if there is one.
We ate many big apples from the Farm.

Cambridge.

Ther

Saturday, Dec. 11, 1915

Wea

7 in

16° & 24° C. returns from Boston.

Clear and cold with high, keen N. W. winds.

In Garden: 2 ♂ Red-bellied Nuthatch & a
Chickadee visiting suet hanging near Museum study
window, the former birds carrying off many small
pieces of the suet. The latter surprising me
by singing rather freely giving the phoe-bee notes
as loudly & sweetly as they are ever uttered in spring.
Shortly after this (at 9:30 a.m.) 2 Jays appeared
in the shrubbery close to the window where
they perched motionless side by side in the
wan sunlight, sheltered by the building from
the chill northerly wind. There were also
a ♂ Downy and 2 Crows flitting through
the jungle about the barn. There were
half a dozen House Sparrows around
the place all day. A Golden-crest heard
in the lilacs, completing the list of species noted.

I spent the day in Museum looking
over Umbagog M. S. and adding to the
Introduction a freshly composed page.

C. returned from the Abbotsford at noon,
receiving a tumultuous welcome from both
the dogs. He had Victrola, music and leading
around in the hall this morn.

Cambridge

Ther 18° Sunday, Dec. 12, 1915, Wea
Softer To Saml. Henshaw in the resignation

Clear and cold with fresh northerly
wind. Ther. has not risen at any time above
24° during past two days.

In Garden: A Chickadee and a Red-bellied
Nuthatch taking turns at peck by Museum
window in early forenoon. As before the
Nuthatch carried off most of the seed he took.
There were also a Blue Jay & Town half down
House Sparrows. I noted nothing else.

Spent most of day in Museum sorting
letters. In one to Samuel Henshaw
(copied in letter book) I expressed my
intention of resigning my position in
Mus. Comp. Inst. at an early date at the
same time stating my reasons therefor.

Mrs. Proctor of Wellesley (wife of the oculist)
called at 12.45 to consult me about the
desirability of killing House Sparrows & Squirrels.
She did not depart until 1.30 when Miss Ablyn
arrived to be our only guest at dinner.

After it we had a good Victrola Concert in
the hall. E. K. S. read aloud there this evening.

Cambridge

Ther Monday, Dec. 13, 1915, Wea
Heavy easterly gale. Foul

Cloudy, calm & mild through day.
Soon after dark an easterly rain storm
broke suddenly until by 8 P.M. the wind
was blowing a driving gale and the rain
falling in sheets. When, about that hour,
I went out to post some letters it
seemed almost too hazardous to pass under
our big lindens. The heavier gusts threatened
to dismember one and all of them and
shredded and waisted through their leafless
tops as through the cordage of a sail.
Fallen branches strewn streets & sidewalk
down near the main box being as thick
as my arm and girders in places.

In Garden: 2 Chickadees coming to suet
near my window; a Golden-creeper with
them at times; a dull-colored White-throat
with faint streaks in shuffling at base of
house with several English Sparrows; a
flock of 11 Gulls diving high eastward.

Spent day in Museum, working on Unaboya
Indisposition. Burbank drove down in forenoon
bringing lumber & Christmas gifts. We had
Victrola music & reading in hall this evening.

Cambridge.

Ther

Tuesday, Dec. 14, 1915

Wea
fine

Clear, calm, milder & "white world" again for the tumultuous rain falling through most of last night turned to snow at the last, powdering the trees & covering the ground to the depth of an inch or more.

In Garden: a Chickadee at suet by my window, a Golden-creeper & a White-throat heard, a Thrasher calling in jungle, a ♂. Hairy Woodpecker at work low down in lilacs at rear of house, 6 or 8 House Sparrows flapping to & fro.

Of letter writing there seems to be no end for me of late. I had to devote this entire day to it although eager to resume work on Umbagog M.S.

Dick Dana called in late P.M., staying upwards of an hour. He has been taken through Sing Sing Prison lately by Osborn and his account of it is most interesting. He admires Osborn and has strong faith in the wisdom of his prison reforms.

We had Victoriana music & reading in the hall this evening.

Cambridge - Boston.

Ther
20°

Wednesday, Dec. 15, 1915

Wea
fine

Clear & cold with fresh N.W. wind.

In Garden: 2 Chickadees, a ♂ Red-bellied Nuthatch coming to suet, a Golden-creeper & a Downy heard, about 6 House Sparrows

Spent day in Museum working on Umbagog M.S. Tried to rewrite a couple of pages intended for the Preface but got tangled up with the matter and could not seem to write through it although something was produced that may be needed to serve.

Spent last the "We Dine" at the Harvard Club in Boston this evening. Walter & I went in together. Every one there except Goodale who was house-bound by a grippy cold. We had a good dinner & after it sat by an open fire in an upstairs room. I talked mostly with Thayer & Bancroft. Home by 11.

Cambridge

Ther

Thursday, Dec. 16, 1915

Wea

Fine

Clear & just seasonably cool with light northerly wind. Really much everything out of doors still thinly encrusted with snow or ice.

In Garden: 2 Chickadees at suet, a Canada Nuthatch heard whining, a screaming jay, several House Sparrows and a White-throated Sparrow certainly different individually from the one seen here before of late for that was dull & this decidedly bright, plumaged.

Spent day in Museum struggling with Umbagog. Preface & advancing it little if at all. It is rather discouraging to thus begin the winter. But perhaps I shall do better after settling into the harness again if at all events it is best to hope so.

Gilbert. Motored C. & E. R. S. in town this forenoon for Christmas shopping. Harry & Alice Bartlett called this evening.

Cambridge

Ther

Friday, Dec. 17, 1915

Wea

Stormy

Dark cloudy with steady fine rain falling all afternoon and evening, freezing as it struck and coating everything most dangerously with wet glare ice.

In Garden: a Chickadee and several House Sparrows the only birds noted. I have not once seen any of the Sparrows touch the suet although they approach it closely and regard it wistfully. The Chickadee and Nuthatch's portals of it daily or even hourly and in all weathers yet this has not happened during the past two winters if I remember aright. Perhaps the resumption of the habit of resorting to it regularly in our Garden is due to its general absence elsewhere - of which I have no present evidence, however.

Working all day in Museum, mostly on letters. Through forenoon, afterwards on my Preface, which progressed a little. E. R. S. wrote to her. Bess this evening. C. & I had a long brother's count in hall.

Cambridge.

Ther

Saturday, Dec. 18, 1915

Wea
Stormy

Raining steadily and at times heavily all day long - a warm rain that removed every last vestige of snow and ice, fully exposing our lawn which, to my surprise, shows almost as green as it was before the recent cold.

In Garden: 2 White-throated Sparrows, both immature with dark gray throats flitting about in shrubbery at rear of house one singing feebly every now & then despite the gloomy weather. With them several House Sparrows. I noticed nothing else. Saw a Chickadee which came to the feeder.

An utterly wasted day, although devoted to working ceaselessly on my wretched little Preface. That I had already written several chapters involved so I destroyed it & then tried in vain to produce something better. We had Victrola music & reading this morn

Cambridge.

Ther

Sunday, Dec. 19, 1915

Wea
Fine

Clear, calm, just frosty enough to stiffen the surface of exposed muddy ground. Our lawn appeared faded green, tinged perhaps with dull olive, in the wan December sunlight.

In Garden (9-11 A.M.) A Chickadee (not at feeder), Canada Nuthatch (heard), several House Sparrows and a rather dull plumaged, undersized Fox Sparrow feeding on the ground, at edge of jungle, in company with a Peabody bird which was so very plainly colored as to show no white whatever on throat or crown. Inasmuch as I have seen no Fox Sparrow in the Garden since Nov. 21 the appearance of this one there that day surprised me not a little.

C. went to early American dinner so I spent forenoon in Museum, intending to write letters but instead rambling myself in further futile wrangling with my Preface. Frank Manning called with us & spent most of afternoon. As he was departing Dick Dana came & stayed about an hour.

Cambridge - Boston.

Ther

Monday, Dec. 20, 1915

Wea
Fine

Clear & cool with fresh westerly wind

In Garden: (2) Chickadees near Suet,
♂ Canada Nuthatch on it, ♂ Hairy Woodpecker,
approaching it with 2 ♀s: as he climbed
trunk of Catalpa tree in which it hangs,
White-throated Sparrow heard in shrubbery
near of house, Downy Woodpecker heard
across North Street in Hubbard Park.

Wrote letters & cheques for a couple of
hours after breakfast and then went
to Boston where I lunched at Marston's
and remained in one office from 1 to
3.30 P.M. Had a talk with Arthur
about Wolfson matters and dictated
a short letter to Cousin Elizabeth in
reply to one from her relating to an
application for help from our poor friend
Alice. Visited Safety Vauette & took out
Copper Range carting. to exchange for one
in reorganized company. Home by 8.
Innate Club meeting this evening.

Intended read paper on new race of
Parus hudsonianus & another on Bidens.

Cambridge.

Ther

Tuesday, Dec. 21, 1915

Wea
Fair

Early forenoon cloudy. Remainder of day
brilliantly clear. Very little wind. Air keen &
frosty yet not wintry cold.

In Garden: a Chickadee & ♂ Canada Nuthatch
at Suet in Catalpa, a Hairy & a Downy
Woodpecker in Juniper, a Fox Sparrow & a
dull-colored White-throat at edge of birch
grove feeding on ground with 15+ House
Sparrows, a Jay flitting about, screaming.

With C., E. R. S. & E. W. F., I went to the
polls (Lowell St.) at 9.30 A.M. and
voted for most of the Reform Party's
Candidates. Returning, C. & I fed the sex
white Fantails on Museum steps finally
taking them all into the hall way. After
that I wrote letters up to luncheon time.

At 2.30 Gilbert motored me to
Mus. Comp. Inst. where I had a frank
talk with Sam Henshaw about resigning
my Curatorship. He said it would cause him
serious embarrassment & explained why. I
finally yielded & agreed to serve at least another
full year. Called at Harvard Club on way.
Back Victoria House 8-9 P.M. Then a midnight
 stroll through Garden with C. & the dog.

Cambridge. D. G. Elliott died of pneumonia in N. Y. City
Christmas Carol Serenade

Ther Wednesday, Dec. 22, 1915 Wea
Mass. Marbled Godwit Fine

Sunny but somewhat overcast.
Little or no wind. Everything white
with hoar frost in early morn.

Birds in Garden: 2 Chickadees,
White-throats (heard), 2 Jays, 10 or 12
House Sparrows.

Most of forenoon devoted to writing
a long letter to Henry H. in answer
to one that came from him last
evening. He feels that the time has
perhaps arrived when he should resign
his position as head of Biological Survey.
I am inclined to agree to this &
have written him to such effect.

The afternoon mostly given up to
showing my collection to Augustus
Hemenway, Matt Owen & the latter's
son. They arrived about 3 P. M. bringing
with them a mounted Marbled Godwit

shot on Cape Cod several years ago by
Mr. Hemenway whom Matt had persuaded
to give this specimen to me.

Shortly after dinner this evening we were
serenaded by Miss Thompson's two children
who sang two Christmas carols at the hall

Cambridge

Ther Thursday, Dec. 23, 1915 Wea
Moth on wing in Garden Mild

Hoar frost in early morn. Forenoon calm,
mild, sunny but densely hazy. Afternoon
cloudy. Evening rainy. Snow & ice all gone,
even at Concord, as I learned from a
man coming thence to-day with load of wood.
A small whitish moth flying past Museum in P.M.

In Garden: The Fox Sparrow and
dull-colored Peabody bird feeding on ground,
at edge of lilac thicket, with a dozen House
Sparrows, at 9.30 A. M. Shortly after this
I heard a Downy call in jungle and
saw a ♂ White-bellied Nuthatch come to
suet hanging in catapoles in front of
Museum. I wonder where the bird last
named can have come from. Neither it
nor any other of its kind has certainly
been noted hereabouts this winter although
I thought one called over within my
hearing in Hubbard Park a week or two ago.

Spent day in Museum writing letters &
Christmas greetings on cards etc. Forbush's
assistant called at 11 A. M. & remained until 1.
He brought a ♂ Ectopistes, which the owner
wishes me to keep for him "indefinitely" & took back
a lot of bird skins borrowed by Forbush for use
in coloring lantern slides.

of in old & now disused chimney, beneath the pipe room windows when I stood listening by the candle she had lighted there. It was all very sweet & solemn.

Cambridge - Boston

Ther

Friday, Dec. 24, 1915

Wea
Fair

Clear; calm, mild - although frosty in early morning. A late autumnal sort of day.

In Garden: a Chickadee, Golden-crowned Kinglet, Fox Sparrow, 2 Peabody birds (one showing an almost clear white throat, the other very dull colored), about a dozen House Sparrows, a Jay (heard screaming).

Spent forenoon and part of afternoon in Museum working letters etc. C. & E. R. S. motored into Boston at 11.

Just before sunset I found them at The Abbotsford, where we were to spend Christmas with Miss Holman & Miss Harkness, who had already arrived from Lancaster to be our guests.

C. went off with them in a motor car at 7 P.M. to see illuminations etc. in Beacon Hill, not returning until 10.

Loring & I passed the evening together, she reading aloud to me from "Trilby".
"The Dullies Children"

Boston - Cambridge

Ther

Saturday, Dec. 25, 1915

Wea
Fair

Forenoon sunny but very hazy; afternoon cloudy. Windless & mild all day. Raining soon after dark.

We met down stairs at 8.30 for breakfast. Soon after it I soaked across Public Garden & Common to St. Pauls Church where I left her with Loring Fulber and went out to Cambridge. There I spent remainder of forenoon in Museum returning to Abbotsford at 12.30. As our train crossed W. Boston Bridge I saw in space between it and Craigie Bridge certainly more than 1000 Gulls, & perhaps twice as many, packed closely together on thin ice bordering open water & covering half an acre or more of the water. After luncheon we played the backgammon in our parlor for upwards of an hour, Miss Holman & Miss Harkness during it enjoy the game.

We all dined together in the little private dining room at 7 P.M.

The evening was passed up stairs in our guests' apartment where also we had afternoon tea at 5 P.M.

Boston - Cambridge

Sunday, Dec. 26, 1915

D.S. Elliott furnished 10 a.m.
Presbyterian Church, New York City

Wea

Mixed

Heavy, warm rain falling all last night.
Early morning sunny & mild. More rain.
Towards noon followed by a blinding
snow storm, accompanied by a full gale,
lasting about three hours (1-3 P.M.).
After that clearing skies & falling temperature.

We breakfasted together & spent much of
forenoon in our guests' rooms in the
City Hotel. C. went to church about 11
and returned at 12.30, driving to & from
St. Pauls in a cab. Miss Holman &
Miss Hallness departed for North Station
in a similar conveyance at 12.45.

We three who were left lunched at 1.30.

I started for Cambridge shortly before 3
when the storm was at its height.

One could scarcely see across the street.

So thickly fell. The big snow flakes and the

wind was really terrifying. More than once

it almost threw me down as I struggled

towards the subway station on Bay State St.

Now had the furious gusts abated much of their
violence when I reached Cambridge & walked
down Park St. to find our front yard
strewn with branches torn from the oak

Cambridge

Monday, Dec. 27, 1915

Ther

Peabody bird in full song

Wea

Fair

Partly sunny, mostly then cloudy, calm,
mild. Snow fall of yesterday melting slowly.

In garden - 4 a.m. - a Blue Jay in
clothes yard eating a piece of white bread; a
Fox Sparrow under Parkman's apple tree, where
the snow had been brushed off the ground
strewn with millet seed, maintaining
well right monopolizing this attractive little
space (no bigger than a blanket) against
the further incursions of a dull-colored
Peabody bird and the bolder incursion of
half a dozen House Sparrows. I noticed no
other species save the Chickadee, heard just
outside my study window, very near
this window, shortly after sunrise; the
full song of a White-throated Sparrow long
before breakfast - character to be over expected. Whether
or no its author was the self same bird
seen earlier in the day I cannot say
for he did not show himself.

Spent day in Museum working letters.

We opened Christmas packages this eve, E.R.S.
had none, C. rather many, I only a few.

We have sent out no gifts to speak of this year.

Cambridge - Boston

Ther Tuesday, Dec. 28, 1915 Wea
Stormy

Dark cloudy and somewhat foggy with ceaseless light, drizzling rain; altogether a depressingly gloomy day albeit not a cold or even very chilly one. Snow & ice entirely gone again.

In Garden: an immature plumaged Peabody bird, several House Sparrows & a Downy Woodpecker (heard). I noted nothing else.

Spent most of forenoon in Museum writing letters. To Boston at 12.15. Went direct to one office where I saw Arthur & had a rather long talk with him & with Mr. Hakey (who joined us at 1.30) about a Society with Boston Academy inaugurated in Massachusetts time. Hakey has been selling opinion concerning it. Every one disapproves but to suppress it now seems unwise. All the Trustees should first be consulted. We then agreed it had best be postponed until Annual Meeting. I dictated a letter to Prof. Lord about it asking his opinion. Also signed off the quarterly cheque. Home by 5.30, very tired. Butcher & laundry after dinner.

Cambridge.

Ther Wednesday, Dec. 29, 1915 Wea
Stormy

Snowing steadily all day long, covering the ground to a depth of about six inches by night, this being the most considerable snow fall of the winter thus far. There was little wind and the temperature remained at or about 32° most of the day.

In Garden: a Chickadee (heard), Flicker (heard), Crow (flying low through firs), Fox Sparrow (perched in lilacs at rear of house), House Sparrows - no more than 4 or 5.

Spent entire day in Museum. Wrote letters, arranged for the shipment of a barrel of Baldwin apples from our farm & 100 Sheldon pears from the Summer Market, to George Jefferson at Marble Arch Hotel, London. They will go by the S.S. Glorian on Friday. We had to pay \$3.50 expressage on apples alone. Also hunted for big bugs in bird & egg cases only four of which were found to be infested & those but slightly. Baldy called in P.M. birdhouse mouse this evening.

Viretula common & feeding about in hall April. *C. rolling* ~~hanging~~ ^{white}.

Ther

Thursday, Dec. 30, 1915

Wea
Perfect.

Brilliantly clear and almost windless
with crisp, dry air, frosty yet without
any penetrating chill.

In Garden: A ♂ Red bellied Nuthatch (not
noted here before since the 21st) winding
around and up a trunk of one of the big
timbers in front of house at breakfast time.
Shortly after this Percy strooded away the
snow over a space about two yards square
under elms & scattered a lot of seed there.
It soon attracted a host of Sparrows
mostly P. domesticus at least 12 or 13 in number
but also including a Fox Sparrow & 3
White-throats all immatures & the largest
number seen here at any one time this month.
There were also 2 Crows & a Jay flitting
through the jungle & a Downy Woodpecker.

Spine foramen in. Museum. Containing
injection. of collection for long term & finding
several. two Anothrimae in an egg cabinet.

5. To reached at Longfellow's chambers with Miss. Ellyson as hostess. Her other guests were Mrs. Garder, E. R. S., Mr. Sharp & an agreeable English friend of his. Mr. . . . Returned at 3.15. Never called a letter later to borrow a lot of birds for Mrs. Comp. Today. He stayed until 6 P.M.

Cambridge.

Ther

Friday, Dec. 31, 1915

Wear
Fine

Clear, calm, cold. Typical
mid-winter day.

In Garden: General dearth of birds.
The only ones I noted were two
immature White-throats & about a
dozen House Sparrows, feeding together
on seed bed at edge of pine thicket.

My fan-Tail Pigeons evidently
detest cold weather and during its
continuance rarely venture out of their
 snug quarters on my study save at
feeding time when they fly down to the
grain scattered on front steps of Museum.

Spent entire day in Museum devoted
most of it to continued search for
bug work in Specimen Cans. Four of
rather primitive type containing series
of Grasshoppers, 7-bellies etc. proved to be
rather badly infested but the damage on
the skins is not very serious fortunately.

Perhaps this at H. P. C., Miss Bishop,
Miss Chapman, Lucy Fuller & Miss Sewall
have gone to Boston in a car on time to see
Old Year out & New Year in. C. back at 12.30.

Midnight. Prodigious ringing of bells & blowing of steam whistles Boston way, coming distantly to my ears as I stood on our front steps, listening to their clatter.

Midnight

Memoranda

Memoranda

Memoranda

Memoranda

Birds in our Garden, Cambridge.

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
1.	House Sparrow 1 st 2 nd 3 rd 4 th 5 th 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th 18 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th 27 th 28 th 29 th 30 th 31 st	
2.	Screech Owl 1 gray bird in Catalpa front of Mrs. S. P. Ch.	
3.	Blue Jay 2 nd 3 rd 6 th 7 th 8 th 9 th 10 th 11 th	
4.	Chickadee 3 rd 9 th	
5.	Downy W. 3 rd 6 th 7 th 8 th 9 th 10 th 11 th 12 th 13 th 14 th 15 th 16 th 17 th	
6.	Crow 3 rd 8 th 25 th	
7.	Flicker 5 th in 6 th 7 th 8 th 9 th 10 th	
8.	Herring Gull 18 th 19 th	

CASH ACCOUNT. JANUARY.

Date.	Received.	Paid.
9.	10 th 11 th 17 th 18 th 19 th 20 th 24 th 25 th 26 th 27 th 15 th 28 th 15 th 29 th 12 th	30 th 31 st
	27 th 28 th 29 th 30 th 31 st	
13 th	17 th 19 th 20 th 21 st 22 nd 23 rd 24 th 25 th 26 th	
19 th	20 th 21 st 24 th 26 th 31 st in Catalpa front of Mrs. S. P. Ch.	
11 th	13 th 16 th 24 th 26 th 27 th 28 th 29 th 30 th 31 st in Catalpa front of Mrs. S. P. Ch.	

Birds in our Garden, Cambridge.

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
1. House Sparrow	1 st . 4 ⁽⁴⁾ 5 ⁸ 6 ⁸ 7 ¹³ 8 ¹² 9 ¹⁵	
✓ 2. Blue Jay	2 ^{hd.} 4 ^{hd.} 5 ² 6 ^{hd.} 7 ^{hd.} 8 ² 9 ²	
✓ 3. Flicker	3 ⁽⁸⁸⁾ in Park aff. 4 ^{do} 6 ^{do} 7 ^{hd.} 9 ⁽²⁾	
✓ 4. Crow	3 ^{do} 6 ^{hd.} 13 ^{hd.} 14 ^{hd.} 15 ^{hd.}	
✓ 5. Junco	6 ^{do} 7 ^{hd.} 8 ⁸ 10 ⁸ 14 ⁸	
✓ 6. Downy	7 ^{hd.} 8 ^{hd.} 14 ^{hd.} 15 ^{hd.} 17 ^{hd.} 19 ⁽⁸⁸⁾	
✓ 7. Chickadee	8 ^{heard distinctly} 10 ^{hd.} 13 ['] 14 [']	
✓ 8. Purple Finch	13 ['] 15 ['] 19 ⁽²⁾ do	
✓ 9. Golden Crest Kinglet	16 ⁽²⁾ in lilacs with Chickadee	
✓ 10. Sparrow Hawk	22 ⁸	

CASH ACCOUNT. FEBRUARY.

Date.	Received.	Paid.
11 ⁸ 12 ¹² 13 ¹⁰ 14 ¹⁰ 15 ⁶ 16 ⁵ 17 ['] 18 ['] 19 ² 20 ⁴ 21 ¹⁰ 22 ⁴		
12 ² 13 ² 14 ² 15 ² 16 ^{hd.} 17 ² 18 ² 19 ['] 20 ² 21 ² 22 ²		
13 ['] 14 ['] 15 ⁽²⁾ 16 ['] 17 ['] 18 ⁽²⁾ 19 ⁽²⁾ 20 ['] 21 ['] 22 ['] 23 ['] 24 [']		
18 ^{hd.} 19 ^{hd.} 20 ^{do.} 25 ² 26 ^{hd.}		
19 ⁽⁸⁸⁾		
21 ⁹		
16 ['] with 2 Reg. Satrapa. 17 [']		
21 ⁽²⁾ 24 ⁽⁸⁾ 26 ⁽⁸⁾		
25 ⁽⁸⁸⁾ front 2		

(Blue Jay) 23⁽⁹⁾ at 8 a.m. 25² 26²
 (House Sparrow) 23⁸ 24⁶ 25⁶ 26¹²

27st. 28st.

Birds in our Garden, Cambridge.

CASH ACCOUNT. MARCH.

Date.	Received.	Paid.
✓ 1	Junco 1' 3' 9' 10' (288)	
✓ 2	T. Licker 1' (2) 3' 4' 5' 7' 10' 19'	
✓ 3	Jay 1' 3' 4' 5' 6' 7' 8' 9' 10'	
✓ 4	House Sp. 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'	
✓ 5	Crow 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'	
✓ 6	Purple P' 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'	
✓ 7	A. W. 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'	
✓ 8	Crow Blackbird 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'	
✓ 9	White bellied Nuthatch 18'	
✓ 10	Robin 19' calling at early 24' calling 25' do	
✓ 11	Goldfinch 19'	
✓ 12	Song Sparrows 29' 1. silent bird in lilacs.	
✓ 13	Golden Crest Kinglet 28' in lilacs.	

CASH ACCOUNT. MARCH.

Date	Received.	Paid.
23'	24' (89) 25' 26'	
11' 12' 13' 14' 15' 16' 17' (5) 18' 19' 20' 21' 22' (89)		
10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31'		
14' (2) 15' (4) 16' (1) 18' (2) 19' (2) 21' (1)		
18' 31' hd.		
9' 20' hd. 22' hd. 23' hd. 24' hd. 25' 26' (6) 27' 28' (2)		
26' 1 calling 28' 29' calling 30' do. 31' (2) fighting grackles.		

Jays 23' 24' (89) 25' 26' 27' (89)
House Sparrow 23' 24' 25' 26' 28'

28' (89) 29' 30' (5) 31' 2
29' 30' 31'

Birds in our Garden Cambridge.

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
✓ 1. Robin	4 12 5 8 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	4 8 12 fighting on lawn 2 8 12 full song at eve.
✓ 2. Blue Jay	3 2 4 2 5 2 10 4 11 4 12 4 25 2	
✓ 3. Downy W.	4 12 5 12	
✓ 4. Crow Blackbird	4 30+ 5 8+ 10 6 11 6 12 4	
✓ 5. Fox Sparrow	4 1 5 1	
6. House "	4 30+ 5 10+ 10 20+ 11 12+ 12 15+	
✓ 7. Purple Finch	4 2 gray birds in P. apple.	
✓ 8. Cowbird	4 8 feeding with House Sparrows on hemp seed in space cleared of snow.	
✓ 9. Junco	5 1	
✓ 10. Crow	5 1 10 1 11 12 2 24 8 25 12	
✓ 11. Cedar bird	10 40+ spent whole day in jungle eating bark, apples.	
✓ 12. Hermit Thrush	10 1 alone bird by pond at eve.	
✓ 13. Flicker	10 1 11 1 12 1	
✓ 14. Ruby-crown Kinglet	25 1 2 4 1 8 showing ruby crest	

CASH ACCOUNT. APRIL.

Date.	Received.	Paid.
12 4 23 1 24 1 25 8 7		
23 8 24 6 25 12		
24 4 25 4		
11 15 12 8 one found. 24 22 25 4		

Birds in our Garden, Cambridge

CASH ACCOUNT. MAY.

Received.

Paid.

Date.

Received

Paid.

- ✓ 1. Robin 11 ♂[♀] 12 ♂[♀]
 ✓ 2. Ruby-crowned Kinglet 11' ^{chasing} ^{looked}
 ✓ 3. Brown Thrasher 11' ⁱⁿ ^{ground}
 ✓ 4. Nashville Warbler 11' ⁱⁿ ^{willows}
 ✓ 5. Magnolia " 11' ⁱⁿ ^{willows}
 ✓ 6. Chestnut side " 11' ⁱⁿ ^{willows}
 ✓ 7. White Thr. Sparrow 11'
 ✓ 8. Blue Jay 11' 12'
 ✓ 9. Brown Blackbird 11' ⁱⁿ ^{willows} 12' ⁱⁿ ^{willows}
 ✓ 10. Chimney Swift 11'
 ✓ 11. Indigo Warbler 12' ⁱⁿ ^{willows}
 ✓ 12. Redstart 12' ⁱⁿ ^{willows}
 ✓ 13. Maryland Yellow-thr 12' ⁱⁿ ^{willows}
 ✓ 14. Water Thrush 12' ⁱⁿ ^{willows}
 ✓ 15. Purple Finch 12' ⁱⁿ ^{willows}
 ✓ 16. Rose Br. Grosbeak 12' ⁱⁿ ^{willows}
 ✓ 17. Baltimore Oriole 12' ⁱⁿ ^{willows}

Birds in our Garden, Cambridge

CASH ACCOUNT. JUNE.

CASH ACCOUNT. JUNE.

Received.

Paid.

Date.

Received.

Paid.

- | | Received. | Paid. | Date. | Received. | Paid. |
|---|-----------|-------|--|-----------|-------|
| ✓ 1 Robin 3 ♂ at 4 2 5 2 6 7 8 9 10 11 12 13 14 15 16 | | | 19 ^{1st} 20 ^{2nd} 21 ^{3rd} 22 ^{4th} 23 ^{5th} 24 ^{6th} 25 ^{7th} 26 ^{8th} 27 ^{9th} 28 ^{10th} 29 ^{11th} 30 ^{12th} | | |
| ✓ 2 Oriole 3 ♂ 9 ^{1st} hand by C in early morn. | | | | | |
| ✓ 3 Redstart 4 ♂ ad (in) 5 ^{1st} da 6 ♂ ad 7 ♂ | | | | | |
| ✓ 4 Canada Warbler 4 ♂ | | | | | |
| ✓ 5 Chipping Siskin 5 ♂ 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | | | | | |
| ✓ 6 House Martin 4 ♂ ad 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | | | | | |
| ✓ 7 Blue Jay 5 ♂ 8 2 3 2 14 16 11 20 21 22 23 24 25 26 27 28 29 30 | | | | | |
| ✓ 8 Night Hawk 5 ♂ ad at eve. 6 ♂ ad S. 8. pausing 7 (1 night) / evening 8 | | | | | |
| ✓ 9 Goldfinch 8 ♂ | | | | | |
| ✓ 10 Dove 8 in 3 9 16 14 20 | | | | | |
| ✓ 11 Ch. and Hawk 8 ♂ | | | | | |
| ✓ 12 Flicker 8 ♂ in 1st. Park 10 ♂ ad on flag walk front of house pecking for ants 13 21 28 29 30 | | | | | |
| ✓ 13 Tit 5 ♂ in lawn front of house | | | | | |
| ✓ 14 Song Sparrow 8 ♂ in lawn 9 ♂ ad on lawn 14 20 21 28 29 30 | | | | | |
| ✓ 15 Catbird 1 ♂ ad at bird in 4 p.m. | | | | | |
| ✓ 16 Thrush 9 ♂ at 11 a.m. 20 times 15 ♂ ad | | | | | |
| ✓ 17 Red-eyed Vireo 10 ♂ in lindens 11 ♂ in linden 12 ♂ in linden 13 ♂ in linden 14 ♂ in linden 15 ♂ in linden 16 ♂ in linden 17 ♂ in linden 18 ♂ in linden 19 ♂ in linden 20 ♂ in linden 21 ♂ in linden 22 ♂ in linden 23 ♂ in linden 24 ♂ in linden 25 ♂ in linden 26 ♂ in linden 27 ♂ in linden 28 ♂ in linden 29 ♂ in linden 30 ♂ in linden | | | | | |
| ✓ 18 Downy Woodpecker 10 ♂ in grape arbor 29 ♂ ad in cage at 11 p.m. on ground under porch | | | | | |
| ✓ 19 Screech Owl 29 ♂ waiting in lindens 9.15 p.m. | | | | | |

CASH ACCOUNT. JULY.

Date.

Received.

Paid.

CASH ACCOUNT. JULY.

Date.

Received.

Paid.

Birds in one Garden, Cambridge.

CASH ACCOUNT. AUGUST.

Received. Paid.

- ✓ 1. Song Sparrow 3 ^{red ad.} ^{blue juv.}
- ✓ 2. Goldfinch 4 ^{call note} ^{♂ ad.} ^{Surflings}, 7 ^{♂ ad.} ^{do.} 21 ^{♂ ad.} ^{do.} 27 ^{♂ ad.} ^{do.}
- ✓ 3. Rose br. Grosbeak 4 "
- ✓ 4. Robin 5 ^{3 adults} ^{on lawn} 6 ^{♂ ad.} ^{do.} 7 ^{♂ ad.} ^{do.} 11 ^{♂ ad.} ^{do.} 20 ¹⁰⁺ ^{do.} 21 ^{♂ ad.} ^{do.}
- ✓ 5. Blue Jay 5 ² ^x 6 ² ^x 7 ¹ ¹¹ 20 ² 21 ⁽⁵⁾ 27 ⁽²⁾ 28 ²
- ✓ 6. House Sp. 4 ³ ⁵ 3 ⁶ ⁴ 7 ⁴ 11 ³ 12 ⁴ 27 ⁽⁵⁾ 28 ⁵
- ✓ 7. Chaffinch 5 ^{1 ad.} ^{worn plumage} ^{on ground} 6 ^{♂ ad.} ^{do.} 7 ^{juv.} ^{do.}
- ✓ 8. Swift 7 ^{(2) ad.} ^{do.} 10 ^{ad.} ^{do.} 11 ^{(25+) at great} ^{height} 4 ^{4.30 P.M.} 12 ^{ad.} ^{do.}
- ✓ 9. Grackle 7 ^{♂ ad.} ^{do.} 10 ^{♂ ad.} ^{do.} 21 ^{ad.} ^{do.} 29 ^{ad.} ^{do.}
- ✓ 10. Yellow Warbler 8 ^{♂ ad.} ^{in lilacs}
- ✓ 11. Titmouse 1 [♂] ^{do.} 12 [♂] ^{do.} 20 ^{♂ ad.} ^{do.} 21 [♂] ^{do.} 27 [♂] ^{do.}
- ✓ 12. House Sparrow 7 ^{ad.} ^{do.}
- ✓ 13. House Sparrow 5 ^{ad.} ^{do.}
- ✓ 14. Great Blue Heron 10 [♂] ^{do.} flying S.W. at very great height at 5.30 P.M.
- ✓ 15. Red-eyed Vireo 11 [♂] ^{do.} singing odd notes with seen 12 [♂] ^{do.} 21 [♂] ^{do.} 27 [♂] ^{do.}
- ✓ 16. Hummingbird 11 [♂] ^{do.} with seen 12 [♂] ^{do.} 21 [♂] ^{do.} 27 [♂] ^{do.}
- ✓ 17. Water Thrush 20 [♂] ^{do.} 27 [♂] ^{do.}
- ✓ 18. Baltimore Oriole 20 ^{3 juv.} ^{and 1 ad.} ^{in foliage} 21 ^{2 juv.} ^{do.} 27 [♂] ^{do.}
- ✓ 19. Downy W. 21 ^{ad.} ^{do.} 27 ^{ad.} ^{do.}
- ✓ 20. Bay-breast Warbler 27 ^{(6) in bushes} ^{(5) ad.} [♂] ^{do.} 28 ⁽³⁾ ^{do.}
- ✓ 21. Canadian " 27 ^{juv.} ^{in thicket} ^{behind Museum}
- ✓ 22. Black & White " 27 [♂] ^{do.} 28 [♂] ^{do.}
- ✓ 23. Yellow-bellied Fly. 27 [♂] ^{do.} certainly seen
- ✓ 24. Starling 27 ^{(100+) (3)} ^{do.} flying W. at 4 P.M.
- ✓ 25. Sparrowhawk 27 [♂] ^{do.}

CASH ACCOUNT. AUGUST.

Received. Paid.

28 ^{Call.} ^{hd.}

22 ^{♂ ad.} 27 ⁵⁺ 29 [♂]

20 ^{hd.} ^{ad.} 21 ¹⁰⁺ ^{do.} 27 ^{(20) ad.} ^{do.} evidently not migrating. 29 ^{2 ad.} ^{do.}

CASH ACCOUNT. OCTOBER.

CASH ACCOUNT. OCTOBER.

Birds in our Garden, Cambridge.

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.
✓ 1	Ch. Wren 5' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 2	Goldfinch 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 3	Robin 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 4	Starling 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 5	Goldfinch 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 6	Starling 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 7	Tree Creeper 8' 11' 12' 20'	
✓ 8	White Br. Nuthatch 8' 11' 12' 18' 20'	
✓ 9	White Wren 8' (seen) head	
✓ 10	Starling 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 11	Blue Jay 8' 9' 10' 11' 12' 13' 19' 20'	
✓ 12	Crow 28' 29' in jungle	
✓ 13	Fisher 9' 11' 18' 20' 25' 28'	
✓ 14	Herring Gull 9' 12' 20' 29'	
✓ 15	Yellow Bump W. 10'	
✓ 16	Downy 10' 11' 12' 20' 28' 29'	
✓ 17	Fox Sparrow 11' 21' 22'	
✓ 18	Sparrow hawk 20' (flying low S.W. over garden)	
✓ 19	Hermit Thrush 28'	

CASH ACCOUNT. NOVEMBER.

Date.	Received.	Paid.
✓ 1	Ch. Wren 5' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 2	Goldfinch 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 3	Robin 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 4	Starling 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 5	Goldfinch 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 6	Starling 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 7	Tree Creeper 8' 11' 12' 20'	
✓ 8	White Br. Nuthatch 8' 11' 12' 18' 20'	
✓ 9	White Wren 8' (seen) head	
✓ 10	Starling 1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30'	
✓ 11	Blue Jay 8' 9' 10' 11' 12' 13' 19' 20'	
✓ 12	Crow 28' 29' in jungle	
✓ 13	Fisher 9' 11' 18' 20' 25' 28'	
✓ 14	Herring Gull 9' 12' 20' 29'	
✓ 15	Yellow Bump W. 10'	
✓ 16	Downy 10' 11' 12' 20' 28' 29'	
✓ 17	Fox Sparrow 11' 21' 22'	
✓ 18	Sparrow hawk 20' (flying low S.W. over garden)	
✓ 19	Hermit Thrush 28'	

♀ juv. full pl. In canon brick front of Museum, for about 5 min. at 4 P.M. Busily employed in extracting seeds from cones.

Birds in our Garden, Cambridge

CASH ACCOUNT. DECEMBER.

Date.	Received.	Paid.
✓ 1	White-throat S. 1 ^{hd} 3 ^{hd} 5' 6' ⁱⁿ 13' ⁱⁿ 14'	
✓ 2	Blue Jay 1 ² 5' 6' 7' 9' 11 ⁽²⁾ 12' 14' 16'	
3	House Sp. 3 ⁶⁺ 5 ⁶⁺ 6 ⁶⁺ 7 ⁴⁺ 8 ⁴ 9 ² 10 ² 11 ⁶⁺	
✓ 4	Chickadee 4 ⁽²⁾ 5' 6' ^{at} 8' ^{do} 9' ^{do} 10' ^{do} 11' ^{do}	
✓ 5	Flicker 5' 6' 7' 10' ⁽²⁾ 14 ^{hd} 29 ^{hd}	
✓ 6	Downy 5' 9' 11' 15' ^{hd} 20 ^{hd} 21' 23' ^{hd} 28'	
✓ 7	Crow 5' ⁽⁴⁾ on ground, 11' ² in jungle 29' 30' ⁽²⁾	
✓ 8	Golden-crested K. 6 ^{hd} 7' 9 ^{hd} 10 ^{hd} 11 ^{hd} 13'	
✓ 9	Red-bellied Nuthatch 8' ^{at} 9' ^{do} 11' ^{do} 12'	
✓ 10	Herring Gull 8' ¹⁰⁺ 13' ⁽¹⁾	
✓ 11	Hairy Woodpecker 11' ^{seen by} 14' ⁱⁿ 20' ⁱⁿ	
✓ 12	Fox Sparrow 19' ^{on ground in jungle} 21' ^{do}	
✓ 13	White-bellied Nuthatch 23' ^{at Sweet in}	

CASH ACCOUNT. DECEMBER.

Date. (27^{im} full moon (28^{im} at sunset.) 28^{im} Received. 30^{3im} Paid. 31^{2im}

16^{1ad} 18^{(2) both} 19^{1im} 20^{hd} 21^{1im} 22^{hd} 23^{1im} 24² 25¹
1¹ 22⁽²⁾ 24^{hd} 27¹ 30¹ (27^{hd} 28^{hd} 29^{hd} 30²⁵ 31²⁵)

3⁵⁺ 14^{hd} 15⁶ 16^{hd} 17^{hd} 18^{hd} 19⁶ 20⁶ 21^{(4) 7} 22¹⁰⁺ 23¹² 24¹²
3^{(2) do} 14^{do} 15^{(2) do} 16^{2 do} 17^{1 do} 18^{do} 19¹ 20⁽²⁾ 21¹ 22¹ 23¹
24¹ 26^{1 at} 27^{do} 29^{hd}

30^{1 at} 31^{hd}

5^{hd} 24^{hd}

5^{8 do} 16^{hd} 19^{hd} 20^{8 ad} 21^{do} 30^{8 in} lindens

1¹

3^{1 do} 24^{1 do} 27^{1 do} 29^{1 in} lindens. 30^{1 do}.

Birds at Wolfboro, N. H. June 17-19

SUMMARY OF CASH ACCOUNT.

	Received.	Paid.
JAN.	<p>Finch 17¹⁰ 18²⁰</p> <p>Robin 17¹⁰ 2*</p> <p>Wren 17¹⁰ 18²⁰</p>	
FEB.	<p>Catbird 17¹⁰ *</p> <p>Yellow Warb 17²⁰ *</p>	
MAR.	<p>Redstart 17⁴ 18⁴ (one in cage, one by letter)</p>	
APRIL	<p>Maryland Yellow Thr. 17¹⁰ 18¹⁰</p> <p>Red-eye Vireo 17¹⁰ 18¹⁰</p>	
MAY	<p>Yellow Thr. " 17¹⁰ 18¹⁰</p> <p>Solitary " 17¹⁰ 18¹⁰ (one by letter 18¹⁰ de)</p>	
JUNE	<p>Warbling " 17¹⁰ 18¹⁰ (one by letter 18¹⁰ de)</p> <p>Purple Finch 17¹⁰ 18¹⁰ (one by letter 18¹⁰ de)</p>	
JULY	<p>Green Gnatcatcher 17¹⁰ 18¹⁰ (one by letter 18¹⁰ de)</p> <p>Barn " 17¹⁰ 18¹⁰</p>	
AUG.	<p>Tree " 17¹⁰ 18¹⁰</p> <p>Cedar bird 17¹⁰ 18¹⁰</p>	
SEPT.	<p>Goldfinch 17¹⁰ 18¹⁰</p> <p>Purple Finch 17¹⁰ 18¹⁰</p>	
OCT.	<p>Savanna Spar. 17¹⁰ 18¹⁰</p> <p>Song Sparrows 17¹⁰ 18¹⁰</p>	
NOV.	<p>Chipping " 17¹⁰ 18¹⁰</p> <p>Robin. Thr. " 17¹⁰ 18¹⁰</p>	
DEC.	<p>Crow 17¹⁰</p> <p>Browned Grackle 17¹⁰ 18¹⁰</p> <p>Red. Gnat 17¹⁰ 18¹⁰</p>	

Thine as Holsten, N. H.

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dollars.	Cts.
	17 ⁴⁰⁸ * ^{reading 1x} ^{fields} ⁴⁰⁸ ¹⁹ de		
	Channing Swift 17 ⁶ 18 ¹⁰		
	Mingard 17 ⁶ 18 ⁶		
	Phonics 18 ¹		
	West P. 17 ² * 18 ² * ^{envelop}		
	Coast " 17 ⁴ * ^{one card single chapter} ^{the way find minutes} 70-11 Cts. 18 ⁴ *		
	Knight's Law 18 ¹ ^{helping in} ^{with full}		

in last hundred can be in both also included if H. the more
 ... transfer " " used by month " "

RECEIVABLE.

BILLS PAYABLE. APRIL.

BILLS PAYABLE. MAY.

Glendale, Berkshire Co., Mass.

July

Date.	NAME.	Dollars.	Cts.
1.	Bluebird	9' 10' 22' 24' 30' 31' 32'	
2.	Robin	14' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
3.	Wood Thrush	14' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
4.	Hermit	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
5.	Wilson's	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
6.	Cat bird	12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
7.	House Wren	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
8.	Chickadee	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
9.	Black & White Creeper	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
10.	Usnea Warbler	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
11.	Pine	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
12.	Magnolia	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
13.	Yellow-rump	10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
14.	Black-thr. Blue	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
15.	" " Green	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
RECEIVABLE.			
16.	Black-burnian	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
17.	Canadian	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
18.	Redstart	4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
19.	Oven bird	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
20.	Maryland Yellow	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
21.	Cedar bird	7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
22.	Red-eye Vireo	13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
23.	Yellow thr.	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
24.	Solitary	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
25.	Barn Swallow	12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
26.	Lane	11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
27.	Bank	10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
28.	Purple Finch	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
29.	Gold	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
30.	Creeper Sparrow	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
31.	White thr.	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
32.	Song	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	

Glendale, Berkshire Co., Mass.

JULY.

Date.	NAME.	Dollars.	Cts.
33.	Chimney	12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
34.	Field Sp.	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
35.	Indigo Bird	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
36.	Oroon	13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
37.	Crow Blackbird	6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
38.	Crow	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
39.	Jay	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
40.	Kingbird	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
41.	Crested Fly	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
42.	Phoebe	1' 2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
43.	Wood Pewee	15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
44.	Loast	8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
45.	Swift	14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
46.	Hummer	13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
47.	Whippoorwill	5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
48.	Trieter	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
49.	Downy W.	6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
50.	Kingfisher	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
51.	Spotted Sandpiper	3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
52.	Red should Hawk	5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
53.	Barn Owl	11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
54.	Wood-w. H.	14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
55.	Scallop Wren	18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
56.	Pine Wren	18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
57.	Red Crossbill	19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
58.	Rose-breast Grosbeak	26' 27' 28' 29' 30' 31' 32'	
59.	Black-bill Cuckoo	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
60.	White-br. Nuthatch	13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
61.	Junco	2' 3' 4' 5' 6' 7' 8' 9' 10' 11' 12' 13' 14' 15' 16' 17' 18' 19' 20' 21' 22' 23' 24' 25' 26' 27' 28' 29' 30' 31' 32'	
62.	House Wren	31' 32'	

Botuit, Mass. August.

BILLS PAYABLE. AUGUST.

Date	NAME.	Dollars.	Cts.
1	Cat-bird 15'		
2	Chickadee 14 ^{hd} 15 ^{hd} 16 ^{hd}		
3	Pine Warbler 14 ² 15 ⁴ 16 ³		
4	Red-eyed Vireo 14 ¹ 15 ¹		
5	Song Sparrow 14 ¹ 15 ¹		
6	Cedar bird 13 ²		
7	Crow 13 ⁵ 14 ⁸ 15 ¹⁰ 16 ⁶		
8	Red-wing 14 ² ad.		
9	Blue Jay 14 ² 15 ² 16 ^{hd}		
10	Kingbird 14'		
11	Wood Pewee 13 ² 14 ³ 15 ⁴ 16 ²		
12	Hairy Woodpecker 16 ^{hd}		
RECEIVABLE.			
13	Kingfisher 13' 14 ⁴ 15 ⁴ 16'		
14	Ruffed Grouse 15'		
15	Red-shouldered Hawk 15 ¹ 16 ¹		
16	Great Blue Heron 14' 15 ⁴		
17	Green " 14' 15 ¹		
18	"Kickee" 14 ¹ 11 P. M.		
19	Wilson's Tern 14 ³⁰⁺ 15 ⁸⁺		
20	Ring-neck Plover 15 ²		
21	White Heron 16 ^{hd} 16 ^{hd}		
22	Green " 16 ²		
23	Green " 16 ¹		
24	Green " 16 ¹		
25	Green " 16 ¹		

South Yarmouth, Mass. August

BILLS PAYABLE. SEPTEMBER.

Date	NAME.	Dollars.	Cts.
1	Robin 17 ⁴ 18 ⁶ 19 ⁴		
2	Bluebird 19 ^{hd}		
3	Chickadee 17 ¹²⁺ 18 ¹⁵⁺ 19 ^{hd}		
4	Pine Warbler 17 ⁸⁺ 18 ¹⁵⁺		
5	Cedar bird 17 ²		
6	Blue Jay 17 ¹ 18 ⁴ 19 ⁶		
7	Song " 17 ¹ 18 ¹ 19 ¹		
8	Red-wing 17 ²⁰⁺ 18 ¹²⁺		
9	Blue Jay 17 ^{hd} 18 ^{hd}		
10	Crow 17 ⁵ 18 ¹⁰		
11	Blue Jay 18 ² 19 ²		
12	Robin 17 ¹ 18 ¹ 19 ¹		
RECEIVABLE.			
13	Kingbird 17'		
14	Picker 17 ² 18 ²		
15	Hummingbird 17 ^{hd} 18 ^{hd} 19 ^{hd} N.T.		
16	Kingbird 17 ¹ 19 ¹		
17	Night Heron 17 ^{hd}		
18	Green " 18 ¹ 19 ¹ on 3rd of knock about lying at base of hill.		
19	Little yellow legs 18 ^{hd}		
20	Wilson's Tern 17 ¹ 19 ¹		
21	Green " 17 ¹ 19 ¹		
22	Green " 17 ¹ 18 ¹²⁺		
23	Laughing Gull 19 ³ (Barn River)		
24	Black & White Caper 20 ¹		

BILLS PAYABLE. OCTOBER.

Date.	NAME.	Dollars.	Cts..
1	Catbird 5' 6'		
2	Chimney 5'		
3	Red-bellied 5' 4' 6'		
4	Nashville Warbler 5' 8' 6" 7'		
5	Chimney " 5' 12' 6"		
6	Orange-crown " 5' well seen by N.W.H. & V. S.		
7	Warbler " 5' 6"		
8	Chimney " 5' 4' 6" 2 2		
9	Cape " 5' 1 4' - 6' 2 2		
10	Gray-crown " 5' 25' + 1 1/2 ad ♂, 1 juv (part 1 1/2 juv)		
11	Chimney " 5' 6' 6"		
12	Chimney " 5' 4' 6" 15'		
13	RECEIVABLE. Chestnut-sided 5' 1 juv		
14	Black-ch. Green 5' 6' 6" 15'		
15	Blackburnian " 5' 1 4' 6"		
16	Mourning " 5' 1 4' ad.		
17	Ovenbird 5' 2' 6" at daybreak?		
18	Water Thrush 5'		
19	Canadian " 5' 1 4'		
20	Wilson's " 5' 1 4' ad. male cap.		
21	Redstart 5' 1 4' 2 2 6" 7"		
22	Blue-b. " 5' 1 4' ad. male cap.		
23	Maryland Yellowthroat 5'		
24	Red-eyed Vireo 5' 2' 6" 7"		

Bethel, Me., Nov. 4-

BILLS PAYABLE. NOVEMBER.

Date.	NAME.	Dollars.	Cts.
25	Goldfinch 5' 6' 7 th		
26	Purple Finch 5' 6' 7 th		
27	Chipping 5' 10 th C. in 2000 150+		
28	Junco 5' 2' 6 th		
29	Tit 5' 4' 6' 20		
30	Citron-colored 5' 1 st heard at swampy 1 st at 11 P.M.		
31	Brown Thrasher 6' in shrubbery near house		
32	Kingbird 4'		
33	Fl. Oriole 6' in field		
34	Red-winged Blackbird 6' in field near house		
35	Least 5' 1 st in swampy woods		
36	Crow 5' 1 st in field		
RECEIVABLE.			
37	Blue Jay 6' in field		
38	Robin 6' in field		
39	Tree Toad 5' 1 st in field 1 st at 11 P.M.		
40	P. Tit 5' 1 st in field		
41	Tit 5' 1 st in field		
42	Rose br. Grosbeak 6' in field near house		
43	Cedar bird 6' in field		
44	Tit 5' 1 st in field 1 st at 11 P.M.		
45	Robin 6' (P)		

BILLS PAYABLE. DECEMBER.

MEMORANDA.

MEMORANDA.

Date.

Dollars. Cts.

ADDRESSES.

NAME. Mrs. Lora Simbolotti ✓
 STREET, No. 84 St. Bololph ✓
 CITY. Boston (Type - Copyist)
 TELEPHONE No. Recommended by Miss Piper /

NAME. Harry G. Saunders Electrical
 STREET, No. Walden St. ✓
 CITY. Concord ✓
 TELEPHONE No. 252-m. ✓
 in floor pump
 & tested

NAME. R. T. Gilbert ✓
 STREET, No. 66
 CITY. Cambridge.
 TELEPHONE No.

NAME. Dr. G. Bourne Farnsworth, ✓
 STREET, No. 2540 Arlington Road,
 CITY. Station E. Cleveland, Ohio.
 TELEPHONE No.

NAME. H. P. Renshaw ✓
 STREET, No.
 CITY. Noroton, Conn
 TELEPHONE No.

NAME. H. D. Van der Wijk ✓
 STREET, No. H
 CITY. W. Ham
 TELEPHONE No. 142-162 ✓
 Agents who
 put in Standard
 Gasoline Tanks

ADDRESSES.

NAME. *W. J. Day & Co.*
 STREET, No. *48 Portland St.*
 CITY. *Boston*
 TELEPHONE No. *2183 Haymarket*

*Best
oak floors
Cobb-Parsons*

NAME. *Matthew Louie*
 STREET, No. *41 Marlborough*
 CITY. *Boston*
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

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 TELEPHONE No.

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 STREET, No.
 CITY.
 TELEPHONE No.

NAME.
 STREET, No.
 CITY.
 TELEPHONE No.

ADDRESSES.

NAME. *Arthur F. Estabrook, V*
 STREET, No. *American Colonial Bank,*
 CITY. *San Juan, Porto Rico.*
 TELEPHONE No.

NAME. *George D. Jefferson* *Marble Arch Hotel*
 STREET, No. *10 Beaumont St. Oxford St*
 CITY. *Oxford, England. London, W.*
 TELEPHONE No.

NAME. *R. H. Dana*
 STREET, No. *10 Post Office Sq.*
 CITY. *Boston*
 TELEPHONE No. *3215 Main*

NAME.
 STREET, No.
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CITY.

TELEPHONE No.

April 1. George H. Baller began work.

Bats in shed loft, Concord.

April 27 one in outer shed. - the first

" " to May 5 - One daily

May 6 - Two (in outer shed.)

" 7 Four " " "

" 8 Eight (4 in outer 4 in loft)

" 9 Eleven 10 in mine 1 in outer, loft

" 10 " " " " " "

" 11 Twelve 11 " " 1 " " "

" 13 Fifteen all " " loft

" 14 " 9 " " 6 " " "

" 15 " 5 " " 10 " " "

" 16 Sixteen 6 " " 10 " " "

" 17 " all " " "

" 18 " " " " "

" 19 " " " " "

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